BUREAU OF ENVIRONMENTAL SERVICES PROJECT RECORDS

JOB # 3118

This project files contains:

Project Number Assignment Notice

Design Calculations

Maps Used For Design Calculations (Design Sum Rpt)

Photograph and Negatives

Engineering Report

R

Project Book (File Copy)

Permit (With Conditions If Any)

Preformance Bond or Other Financial Guarantees

Certificate of Insurance

Final Payment Certificate

Certificate of Completion

Job Number Closure and Changes

□ Change Orders

Inspectors Progress Reports

Geological/Technical Reports

Barnett Bv z

Date 6/29/92

## ARCHIVES CROSS REFERENCE SHEET

The following PHOTOGRAPH NEGATIVE MAP PLAN REPORT has been removed from this file. It can be found in:

Location: 18-01-41/1 23/1Series #: 8800-01 Title/Description: \_\_\_\_\_3118 Date: 6/29/92 By: Barnett

## ARCHIVES CROSS REFERENCE SHEET

The following PHOTOGRAPH NEGATIVE MAP PLAN REPORT has been removed from this file. It can be found in:

Location:

Series #:

Title/Description:

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Date: \_\_\_\_\_ By: \_\_\_\_\_

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CITY OF PORTLAND, OREGON

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23118

LLOYD E. ANDERSON - COMMISSIONER

# DEPARTMENT OF PUBLIC WORKS

# EMANUEL HOSPITAL

# URBAN RENEWAL

## STORM AND SANITARY SEWER SYSTEM

PHASE 2

PORTLAND, OREGON JAMES L. APPERSON, P.E. CITY ENGINEER



1972

SEWER CONSTRUCTION DIVISION OFFICE RECORD CITY OF PORTLAND, OREGON

DEPARTMENT OF PUBLIC WORKS

Lloyd E. Anderson, Commissioner

-- 000 --

EMANUEL HOSPITAL

URBAN RENEWAL

STORM AND SANITARY SEWER SYSTEM PHASE II -- 000 --

NOTICE TO CONTRACTORS

## PROPOSAL

SPECIAL SPECIFICATIONS

## INSTRUCTIONS TO BIDDERS

and

PLANS

James L. Apperson, P.E., City Engineer

Portland, Oregon

APPROVED. 8/29/1972 By Phickus My CHIEF, BURFALL OF SANITARY ENGINEERING

# APPROVED

AUG 29 1972 City Engined By

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AN ALCOLOGICAL STREET

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## SECTION A

## NOTICE TO CONTRACTORS

## CITY OF PORTLAND, OREGON DEPARTMENT OF PUBLIC WORKS

## EMANUEL HOSPITAL URBAN RENEWAL STORM AND SANITARY SEWER SYSTEM

## PHASE II

## NOTICE TO CONTRACTORS

the proposals will be publicly opened and read aloud.

Major items of work under this contract include approximately 5,043 lineal feet of 6-inch through 72-inch sewer pipe, 12 standard manholes, 4 diversion manholes, 3 manholes for storm sewers larger than 36 inches in diameter, 10,782 cubic yards of trench excavation and backfill, 1,909 cubic yards of crushed rock, 1,267 square yards of hard surface pavement, and related appurtenances.

Plans, specifications and other documents required for bidding may be inspected at the office of the Purchasing Agent and copies may be obtained by prospective bidders upon deposit of \$25.00 per copy, which amount will be refunded when the documents are returned in good condition before the bids are opened.

Each proposal must be upon the regular blank forms furnished with the Specifications.

No proposal will be considered unless accompanied by a certified check, cashier's check or bid bond payable to the City of Portland, Oregon, for an amount at least equal to ten per cent (10%) of the aggregate amount of the proposal to be forfeited as fixed and liquidated damages should the bidder neglect or refuse to enter into a contract and provide a suitable bond for the faithful performance of the work in the event the contract is awarded to him.

Attention is called to all provisions of Oregon Revised Statutes, Chapter 279, and the Public Works Code of the City of Portland, including prequalification requirements.

Attention is called to the fact that not less than the minimum salaries and wages as set forth in the Contract Documents must be paid on this project, and that the Contractor must ensure that employees and applicants for employment are not discriminated against because of their race, color, religion, sex, or national origin.

-1-

The right is reserved by the City to reject any or all bids in whole or in part.

By order of the City Council,\_\_\_\_\_, 19\_\_\_\_,

Purchasing Agent

Date of first publication\_\_\_\_\_, 19\_\_\_\_.
Date of last publication \_\_\_\_\_, 19\_\_\_\_.

SECTION B PROPOSAL

## CITY OF PORTLAND, OREGON DEPARTMENT OF PUBLIC WORKS EMANUEL HOSPITAL URBAN RENEWAL STORM AND SANITARY SEWER SYSTEM PHASE II

## PROPOSAL

Portland, Oregon

\_\_\_,1972

TO THE CITY COUNCIL Portland, Oregon

The undersigned declares that he has carefully examined the Notice to Contractors, Instructions to Bidders, Specifications, and Plans; that he has made an examination of the site of the proposed work and has made the necessary investigations to determine the conditions to be encountered independently of the indications on the plans, has filed a prequalification statement, and that if this Proposal is accepted he will contract with the City of Portland in the form of contract prepared by the City Attorney to provide, to the extent of this bid, the necessary machinery tools, apparatus, and other means of construction, and will furnish all materials, equipment and labor as specified, called for by the plans, or necessary to perform and complete the work in the manner specified according to the requirements of the City Engineer.

In order that the least inconvenience be caused the property owners adjacent to this construction, the undersigned recognizes that time of construction will be of the essence, and that liquidated damages as provided in the contract have been considered in bidding this job. The City reserves the right to reject any and all bids or to waive irregularities if this be to the City's best interest.

The undersigned hereby agrees that he will order all material and equipment included under this contract if awarded to him and will commence work within ten (10) calendar days after receipt of written notice to proceed, and that he will complete the work in all areas in all respects within two hundred and ten (210) calendar days after receipt of notice to proceed.

The following unit prices bid are submitted with the understanding that the quantities stated are approximate and are used only for comparing bids on a uniform basis and that the prices are independent of the quantities involved.

SEC. B

(1) 684 lineal feet of 72-inch B & S C-76 Class III reinforced concrete sewer pipe, in place at the unit price of

dollars and cents (\$\_\_\_\_) per lin.ft. 143 lineal feet of 48-inch B & S C-76, Class III (2) reinforced concrete sewer pipe, in place, at the unit price of dollars and cents (\$\_\_\_\_\_) per lin.ft. \$\_ (3) 544 lineal feet of 36-inch B & S C-76, Class III reinforced concrete sewer pipe, in place, at the unit price of dollars and cents (\$\_\_\_\_\_) per lin.ft. \$ (4) 233 lineal feet of 30-inch B & S C-76, Class IV reinforced concrete sewer pipe, in place, at the unit price of dollars and cents (\$\_\_\_\_\_) per lin.ft. Ş. (5) 258 lineal feet of 24-inch B & S C-76, Class IV reinforced concrete pipe, in place at the unit price of dollars and cents (\$\_\_\_\_\_) per lin.ft. \$\_\_\_\_

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ITEM

ITEM		BID EXTENSION
(6)	10 lineal feet of 21-inch B & S C-76, Class III reinforced concrete sewer pipe, in place, at the unit price of	
	dollars and	•
	cents	
	(\$) per lin.ft.	\$
(7)	37 lineal feet of 18-inch B & S C-14 extra strength concrete sewer pipe, in place, at the unit price of	
	dollars and	2
	cents	
	(\$) per lin.ft.	\$
(8)	252 lineal feet of 15-inch B & S C-14 extra strength concrete sewer pipe, in place at the unit price of	
	dollars and	
	cents	
	(\$) per lin.ft.	\$
(9)	852 lineal feet of 15-inch B & S C-76, Class V reinforced concrete sewer pipe, in place at the unit price of	
	dollars and	
	cents	
	(\$) per lin.ft.	\$
(10)	56 lineal feet of 12-inch B & S C-14, extra strength concrete sewer pipe, in place at the unit price of	/
	dollars and	· ·
	cents	
	(\$) per lin.ft.	s

## SEC. B

	BID EXTENSION
1,503 lineal feet of 10-inch B&S C-14 extra strength concrete sewer pipe, in place at the unit price of	
dollars and	
cents	
(\$) per lin.ft.	\$
354 lineal feet of 8-inch B & S C-14 extra strength concrete sewer pipe, in place, at the unit price of	
dollars and	
cents	
(\$) per lin.ft.	\$
117 lineal feet of 6-inch B & S C-14 extra strength concrete sewer pipe, in place, at the unit price of	
dollars and	
cents	
(\$) per lin.ft.	\$
l concrete wye 24" X 6", in place, at the unit price of	
dollars and	
cents	
(\$) per each	\$
2 concrete wyes, 15" X 6", in place, at the unit price of	
dollars and	
cents	
(\$) per each	\$
6 concrete wyes, 10" X 6", in place, at the unit price of	9
dollars and	
cents	
(\$) per each	s

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(17) 3 eight-inch concrete one-eighth bends, in place, at the unit price of

ITEM

	dollars and	
· ·	cents	
(\$	) per each	\$
six-inch concrete in place, at the uni		
	dollars and	
	cents	
(\$	) per each	\$
estandard monolithic standard monolithic standard monolithic state in place at	c concrete manholes the unit price of	
	dollars and	
-	cents	
(\$	) per each	\$
lO standard precast in place at the unit	concrete manholes complete price of	
	dollars and	
	cents	2
(\$	) per each	\$
36-inch diameter wit	for storm sewers larger than h junctions and/or change in location, complete in place it price of	
	dollars and	
	cents	

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	ITEM		BID EXTENSION
2) 1343	(22)	l standard fifteen-inch concrete diversion manhole complete in place per plans at the unit price of	
		dollars and	
		cents	
		(\$) per each	\$
	(23)	3 standard eight-inch concrete diversion manholes complete in place including orifice plates installed less lifting chain; and orifice plugs at the unit price of	14
		dollars and	
		cents	
-		(\$) per each	\$
	(24)	10,782 cubic yards of common trench excavation and backfilling at the unit price of	43
		dollars and	
		cents	2
		(\$) per cu.yd.	\$
	(25)	50 cubic yards of solid rock trench excavation and backfilling at the unit price of	s
		dollars and	
		cents	
		(\$) per cu.yd.	\$
84	(26)	340 square yards of hard surface pavement taken up and replaced with two (2) inches of Class C asphaltic concrete complete in place at the unit price of	. /
		dollars and	
		cents	
		(\$) per sq.yd.	\$

(27) 927 square yards of hard surface pavement taken up and replaced with four (4) inches of asphaltic concrete consisting of a two-inch (2") lift of Class C asphaltic concrete over a two-inch (2") lift of Class B asphaltic concrete in place at the unit price of

ITEM

dollars and cents (\$\_\_\_\_\_) per sq.yd. \$ (28) 609 cubic yards of crushed rock for pavement base in place at the unit price of dollars and . cents (\$\_\_\_\_\_) per cu.yd. (29) 4,000 cubic yards of select granular backfill complete in place at the unit price of dollars and cents (\$\_\_\_\_\_) per cu.yd. (30) 1,300 cubic yards of crushed rock for pipe bedding complete in place at the unit price of dollars and cents (\$\_\_\_\_\_) per cu.yd. \$ (31) 2 connections to existing manholes complete in place at the unit price of \_\_\_\_\_dollars and cents (\$\_\_\_\_\_) per each

SEC. B

(32) 20 watertight concrete seals for pipes less than 24-inch diameter to be abandoned, complete in place at the unit price of

ITEM

dollars and cents (\$\_\_\_\_) per each Ś 2 watertight concrete seals for 49" x 73" pipe (33) to be abandoned, complete in place at the unit price of \_\_\_\_\_dollars and \_\_\_\_\_ cents (\$\_\_\_\_\_) per each \$ (34) 9 connections to existing catch inlets, complete, at the unit price of dollars and cents (\$ ) per each \$ (35) 66 lineal feet of concrete curb removal and replacement at the unit price of dollars and cents (\$ ) per lin.ft. \$ (36) 20 square yards of concrete walkways taken up and replaced at the unit price of dollars and cents (\$\_\_\_\_\_) per square yard \$

SEC. B

(37) 40 cubic yards of concrete grout for filling

49" x 73" pipe per plans of at the unit price of	complete in place
	dollars and
	cents
(\$	) per cu.yd.

## TOTAL BID EXTENSIONS

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ITEM

In submitting this Bid, the Bidder understands that the right is reserved by the City of Portland to reject any and all Bids. If written notice of the acceptance of this Bid is mailed, telegraphed, or delivered to the undersigned within thirty (30) days after the opening thereof, or at any time thereafter before this Bid is withdrawn, the undersigned agrees to execute and deliver an agreement in the prescribed form and furnish the required bond within ten (10) days after the agreement is presented to him for signature.

## CERTIFICATION OF NONSEGREGATED FACILITIES

The Bidder certifies that he does not maintain or provide for his employees any segregated facilities at any of his establishments, and that he does not permit his employees to perform their services at any location, under his control, where segregated facilities are maintained. The bidder certifies further that he will not maintain or provide for his employees any segregated facilities at any of his establishments and that he will not permit his employees to perform their services at any location under his control where segregated facilities are maintained. The bidder agrees that a breach of this certification will be a violation of the Equal Opportunity clause in any contract resulting from acceptance of this bid. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, restrooms and washrooms, restaurants and other eating areas, timeclocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, color, religion, or national origin, because of habit, local custom, or otherwise. The bidder agrees that (except where he has obtained identical certification from proposed subcontractors for specific time periods) he will obtain identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause, and that he will retain such certifications in his files.

Note: The penalty for making false statements in offers is prescribed in 18 U.S.C. Sec. 1001.

Attached hereto is an affidavit in proof that the undersigned has not colluded with any person in respect to this Bid or any other Bid or the submitting of Bids for the Contract for which this Bid is submitted.

If the Bidder has filed an annual bid bond, complete the following paragraph:

The Bidder has heretofore filed with the City of Portland an annual bid bond for the calendar year \_\_\_\_\_, covering any and all bids not exceeding the sum of \$\_\_\_\_\_, and naming the undersigned Bidder as principal and the as surety.

## Name of Company

The Bidder understands and agrees that said annual bid bond is intended as compliance with the terms and conditions of the paragraph next following.

Enclosed herewith is a (Certified Check) (Cashier's Check) (Bidder's Bond) for \$, the same being at least ten percent (10% of the amount of the proposal, payable to the order of the City of Portland, Oregon, to be forfeited as liquidated damages in case the undersigned shall fail or neglect to furnish a performance bond and insurance, if required, and to execute the contract within ten (10) days after receiving said contract from the City Auditor for execution. The bid guarantees will be retained in accordance with the provision of Section 4-1301.2 of the Finance Code of the City of Portland. If a bid bond is submitted in lieu of a certified check, such bond shall be on the form included with the specifications.

The bidder states below whether he is doing business as an individual, a co-partnership or as a corporation. If a co-partnership, all partners are named and the person signing on behalf of the co-partnership states his position with the co-partnership. If a corporation, the Bidder gives the state of incorporation, whether it is licensed to do business in the State of Oregon, and the position of the person signing on behalf of the corporation.

The name and address of the surety company which will furnish the required bond is

of	
Name of Bidder	Form of Organization
Licensed to do business in Oregon	
Federal Social Security Identification N	o, as shown on Federal Tax Return
Form 941	
Business as	_ State of Incorporation
Partners	Signed By
	_ Printed
Address	_ Date

## NON-COLLUSION AFFIDAVIT OF PRIME BIDDER

State of		
County of	ss.	
first dul	ly sworn, deposes and says that:	peing
(1)	He is compare (Owner, partner, officer, representative or agent)	of
	, the Bidder that	:

has submitted the attached Bid:

(2) He is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;

(3) Such Bid is genuine and is not a collusive or sham Bid;

(4) Neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly, with any other Bidder, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted or to refrain from bidding in connection with such Contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Bidder, firm, or person to fix any overhead, profit or cost element of the bid price or the bid price of any other Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the City of Portland, the Portland Development Commission or any person interested in the proposed Contract; and

(5) The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

(Signed)

Title

Subscribed and sworn to before me this

\_\_\_\_\_day of \_\_\_\_\_, 19\_\_\_\_.

Title

My Commission expires \_\_\_\_\_

## SECTION C

## SPECIAL SPECIFICATIONS

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## SECTION C

## SPECIAL SPECIFICATIONS

## 1. SCOPE OF WORK

This contract is for the construction of sanitary and storm sewers to serve the portion of the Emanuel Hospital Urban Renewal Project Area designated as Phase II sheet one of the plans. The Contractor shall furnish all labor, materials, equipment and all incidentals required to make each and every item complete as contemplated by the contract.

## 2. INCORPORATION OF STANDARD SPECIFICATIONS

All applicable provisions of the City of Portland Specifications entitled "Specifications Applying to Streets, Sewers, Bridges and Structures" as adopted by the City Council in the Code of the City of Portland, Oregon, and filed in the office of the City Auditor January 14, 1963, shall apply to all portions of the contract for this project, and all work done and materials used on this project and the legal relations between the parties and the Contractor's requirements shall be as set forth in said Standard Specifications, except as modified or deleted by the Special Specifications which shall control over the Standard Specifications where there is any difference, discrepancy or conflict. Copies of the Standard Specifications may be purchased for \$5.00 at Room 403, City Hall.

## 3. ADDITIONAL SPECIAL SPECIFICATIONS, STANDARDS AND REGULATORY DATA

The following additional special specifications, standards and regulatory data pertaining to this project are incorporated herein and appended hereto without uniform page or item numbering:

Revised Standard Drawings Nos. 204, 207 and 208

Standard 8" or 10" Diversion Manhole Drawing

Standard Drawing For Typical Sharp-Edged Orifice Plate

Index to ASTM Standards

Index to AASHO Standards

Federal Labor Standards Provisions (General Conditions, Part II)

Non-Federal Labor Standards Provisions (General Conditions, Part III)

Attachment to Federal Labor Standards Provisions

So-called "Anti-Kickback Act" and Regulations promulgated pursuant thereto by the Secretary of Labor, United States Department of Labor.

Determination of prevailing salaries of technical positions

Decision of the Secretary, U.S. Department of Labor, Prevailing wage rates for the described classes of labor.

## 4. LINES AND GRADES

The City will furnish appropriate offset lines and grades for all sewer projects. The Engineer shall not transfer the offset lines or grades into the ditch or to batterboards, unless specifically stated in the Special Specifications.

Any unnecessary staking due to carelessness or similar reasons shall be chargeable to the Contractor.

## 5. MINIMUM WAGES

Section E, Subsection 4, Paragraph (k), Minimum Wages, of the Standard Specifications is amended as follows:

Contractor shall agree that, pursuant to Oregon Revised Statutes 279.352, the minimum prevailing wages to be paid by Contractor for work performed hereunder shall be the minimum prevailing wages on file in the office of the State Labor Commissioner applicable to the Portland, Oregon area as of the date of signing of the contract by the parties, which schedule of prevailing wages shall be made a part of the contract by reference as though fully set forth therein.

## 6. LOCAL LABOR

Section E, Subsection 6, Paragraph (p), Local Labor, of the Standard Specifications, is amended as follows:

Delete.

## 7. PROGRESS PAYMENTS

Funds are available and progress payments will be made. Such progress payments shall be made in accordance with Section E, Subsection 7, of the Standard Specifications as amended in these Special Specifications, (Acceptance and Payment for Work).

SEC. C

## 8. PUBLIC LIABILITY AND PROPERTY DAMAGE INSURANCE

The "Public Liability and Property Damage Insurance" Paragraph appearing in Section E, Subsection 4h of the Standard Specifications Applying to Streets, Sewers, Bridges and Structures, dated January 14, 1963, is amended as follows:

The Contractor shall maintain such public liability and property damage insurance as will protect the Contractor and the City from any and all claims for damage or personal injury including death, which may arise from operations under this contract or in connection therewith, including all operations of subcontractors. Such insurance shall provide coverage for not less than the following:

For Personal Injury: \$ 560,000 for one claimant \$1,000,000 from one occurrence

For Property Damage: \$ 500,000 for one claimant \$1,000,000 from one occurrence

In lieu of the foregoing, a single limit public liability policy for personal injury and property damage will be accepted in the sum of \$1,000,000.

Such insurance shall be without prejudice to coverage otherwise existing, and shall name as additional insured the City of Portland and all other governmental bodies with jurisdiction in the area involved in this project, their officers and employees, and shall further provide that this policy shall not be terminated or be cancelled prior to the completion of this contract without thirty (30) day's written notice by certified mail to the Auditor of the City of Portland, Oregon (which notice shall be subject to the approval of the City Attorney); said notice to commence to run from the date notice is actually received at the said office.

Notwithstanding the naming of additional insured, the said policy shall protect each insured in the same manner as though a separate policy had been issued to each; but nothing herein shall operate to increase the insurer's liability as set forth elsewhere in the policy beyond the amount or amounts for which the insurer would have been liable if only one person or interest had been named as insured.

A certificate evidencing such insurance together with the proper indorsement shall be filed with the City Auditor and shall be subject to the approval of the City Attorney as to the adequacy of protection.

SEC. C

## 9. ACCEPTANCE AND PAYMENT FOR WORK (PUBLIC IMPROVEMENTS)

Section E, Subsection 7, Paragraph 7a, "Payments" of the Standard Specifications, is amended as follows:

## 7a. Payments.

Payments for all work under the contract will be made at the price or prices bid therefor, and the prices shall include full compensation for all incidental work.

Once before the first payment and each time the prevailing wage rates change, and once before the final payment is made of any sum under the contract for the particular project, the Contractor or his surety and every subcontractor or his surety performing the work on the project during the period covered by the payment, shall first file with the City Auditor a statement in writing under oath, in form prescribed by the State Labor Commissioner, certifying the hourly rate of wages paid each classification of workmen not exempt by statute, employed by him upon such project, has been paid less than the minimum prevailing rate of wage as required by these Specifications. Such certificate shall be supplied by the Contractor and all subcontractors who have performed any such work on the project up to the time of such payment and shall comply with Oregon Revised Statutes, Chapter 279.

Progress payments will not be made unless authorized by the Special Specifications. When progress payments are authorized by the Special Specifications, progress estimates of the work performed will be made by the Engineer near the end of each calendar month. These estimates shall include the value of the labor performed and materials incorporated in the work since commencing of the work under contract. Such estimates need not be made by strict measurements but they may be approximate only, may relate to the cost schedule mentioned herein, and shall be based upon the whole amount of money that will become due according to the terms of the contract when the project has been completed. If the contract price is determined, in whole or in part, on a lump sum basis, an estimated cost schedule relating thereto shall be prepared by the Contractor and approved by the Engineer before the start of the work, and progress estimates based on said estimated cost schedule shall be made by the Engineer and shall be the basis for the progress payments required by the contract.

If the contract price is determined wholly on a unit bid basis, the Engineer may use the unit prices bid by the Contractor in his proposal in making progress estimates on the work. In case the said unit prices do not, in the opinion of the Engineer, truly represent the actual relative costs of the different parts of the work, he may use a percentage of the unit price in making progress estimates. The Engineer may include in such progress estimate, eighty-five per cent (85%) of the cost to the Contractor of materials delivered to the site, properly stored, protected from damage and insured, provided that after any such payment such materials must be used in the particular project.

Partial payments will be made under the contract, based on estimates prepared and certified to by the City, but not more than ninety-five per cent (95%) of the contract price of the work completed will be paid before the completion of the contract and its acceptance by the City. Progress or partial payments by the City shall not be construed by the Contractor as acceptance or approval of the work covered thereby or waiver by the City of any defects therein.

When work to be performed under this contract is substantially complete, the City may elect to reduce the amount of the retainage to less than five per cent (5%) of the contract price, provided the retainage is not less than two hundred per cent (200%) of the contract price of the work that has not been completed.

## Progress estimates will be acted upon by the City Commissioner under whom the project falls, on or before the 20th of the following month and warrants will be issued by the City Auditor for the amount of the estimate less retainage.

When progress estimate indicates that the progress payment would be less than \$500.00, no progress payment will be made for that estimate period.

Section E, Subsection 7, Paragraph 7i, "Acceptance and Final Payment" of the Standard Specifications, is amended us follows:

## 7i. Acceptance and Final Payment

Upon notification by the Contractor that the work is completed and ready for final inspection, the Engineer shall make such inspection as soon as possible. If he finds that the work covered by the contract has been fully and satisfactorily completed, the Engineer shall so notify the Contractor and the City Commissioner under whom the project falls, shall make a final estimate and shall recommend acceptance of the work as of a certain date. Upon approval and acceptance, the Contractor will be paid a total payment equal to the amount due under the contract less the retained percentage. This retained percentage shall be retained for a period up to thirty days following the final acceptance of the project. Every person performing labor or furnishing material or supplies toward the completion of the project, shall have a lien upon such retained percentage provided such notice of lien shall be given in the manner and within the time provided by law.

Before final payment of the retained percentage is made under the contract, the Contractor or his surety and every subcontractor or his surety shall first file with the City Auditor a statement in writing under oath, as heretofore set forth, certifying the hourly rate of wage paid each nonexempt classification of workmen employed by him upon such project. Such certificate shall be supplied by the Contractor and all subcontractors who have performed any work on the project up to the time of such final payment, and shall comply with Oregon Revised Statutes, Chapter 279. As a further prerequisite to final payment, the Contractor shall execute and deliver to the City in form approved by the City Attorney a receipt for all amounts paid or payable to the Contractor under the contract, and a release and waiver of all claims against the City growing out of or connected with the contract and shall furnish satisfactory evidence that all amounts due for labor, materials and other obligations under the contract have been paid by the Contractor and that all actions for injuries or damage arising out of the Contractor's operations hereunder have been fully and finally settled or are fully covered by insurance protecting the City, its officers and employes as well as the Contractor.

Upon completion of such prerequisites, the Contractor shall be paid the retained percentage except for any special retainage required under the contract.

If the City declares a default of the contract, and the surety completes said contract, all payments after declaration of default and retainages held by the City shall be paid to the surety and not to the Contractor in accordance with the terms of the contract.

## 10. BID GUARANTY

Section D, Subsection 3, "Bid Guaranty, of the Standard Specifications Applying to Streets, Sewers, Bridges and Structures", dated January 14, 1963, is amended as follows:

Unless covered by an annual bid bond filed in the office of the City Auditor, all bids must be accompanied by a certified or cashier's check payable to order of the City of Portland, or a bidder's bond for the single bid submitted, in amount of at least ten percent (10%) of the amount of the proposal, to be forfeited as liquidated damages in case the bidder shall fail or neglect to furnish a performance bond and insurance, if required, and to execute the contract within ten (10) days after receiving said contract from the City Auditor for execution.

The bid guaranties will be retained in accordance with the provisions of Section 5.44.030 (Retention of Bid Guaranty) of the Code of the City of Portland, Oregon, if the bid bond is submitted in lieu of certified check, such bond shall be on the form included with these specifications.

## 11. INDUSTRIAL ACCIDENT INSURANCE

The "Industrial Accident Insurance" clause appearing in Section E of the Standard Specifications Applying to Streets, Sewers, Bridges and Structures, dated January 14, 1963, is amended as follows:

"Workmen's Compensation Coverage: The Contractor and all his subcontractors engaged on the project shall provide Workmen's Compensation coverage for all persons employed on the work to be done under the contract. The Contractor and all his subcontractors shall be required to assure that his subject workmen will receive the compensation for compensable injuries provided in ORS 656.001 to 656.794 either by:

- Contributing to the Industrial Accident Fund as a contributing employer; or
- (2) Qualifying as a direct responsibility employer under ORS 656.405 and 656.409.

In the event that the Contractor or any of his subcontractors shall elect to fulfill this responsibility by qualifying as a direct responsibility employer under ORS 656.405 and 656.409, satisfactory proof of such fact shall be required. In the event that the certification as a direct responsibility employer is withdrawn, as provided in ORS 656.417, the Contractor or any subcontractor shall thereafter, on the effective date of the withdrawal of certification, become a contributing employer."

## 12. NOTIFICATION OF UTILITIES

The contractor shall notify all utilities before commencing work, including, but not limited to the following:

Southern Pacific Pipe Lines, Inc.228-8181, Ext. 256Northwest Natural Gas Co.226-4211, Ext. 217Pacific Northwest Bell Telephone Co.Repair Service, Dial 114Portland General Electric Co.228-7181, Ext. 710Pacific Power & Light Co.226-7411, Ext. 462Bureau of Water, City of Portland282-7201

## 13. ACCESS TO THE WORK

The contractor shall provide access to the work for representatives of the State of Oregon, the Federal Government, and other authorized entities having jurisdiction in the area, such as governing bodies and public utilities for inspection of the work.

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## 14. MAINTENANCE

Section E, Subsection 6, Paragraph x, "Maintenance", of the Standard Specifications is amended as follows:

## 6 x. MAINTENANCE

The Contractor shall, without cost to the City, make all necessary repairs and replacements to remedy, in a manner satisfactory to the Engineer, any and all defects, breaks, or failures of the work occurring within the periods fixed in this paragraph due to: faulty or inadequate materials or workmanship; disturbances of or damage to City improvements under, within, or adjacent to the work; or settling, washing, or slipping from any cause. When such defects or damages occur within two years following the date of acceptance of the work in any part of the surface work done under the contract, or in adjacent surface improvements not included in the work under this contract, including but not limited to pavements, curbs, walks, tracks, poles, wires, walls, stairways, buildings or other surface structures, the contractor shall repair the same without cost to the City and the two-year maintenance period required of the Contractor shall, with relation to such required repair, be extended two years from the date of completion of such repair. When such defects or damages occur within two years following the date of acceptance of the work, in any part of the subsurface work done under this contract or in any adjacent subsurface improvement not included in the work under this contract, including but not limited to sewers, drains, culverts, other drainage structures, pipes, valves, conduits, conductors, basements, foundations or other subsurface structures, the contractor shall repair the same without cost to the City and the two-year maintenance period required of the Contractor shall, with relation to such required repair, be extended two years from the date of completion of such repair.

## 15. CONTRACTOR'S OFFICE AT THE WORK SITE

During the performance of the contract, the Contractor shall provide and maintain a suitable office at the site of the work which shall be the headquarters of a representative authorized to receive drawings, instructions, or other communications or articles from the Engineer; and any such items delivered to said representative shall be considered delivered to the contractor.

## 16. GRANULAR BACKFILL MATERIALS

Section F, Sub-section VII, Paragraph 14, "Backfill Gravel", of the Standard Specifications is amended as follows:

## 14. BACKFILL GRAVEL OR GRANULAR MATERIALS

14. a. General The following categories of gravel or granular material shall be used for backfill as required by the plans and specifications or by the Engineer. References in the Standard Specifications to backfill gravel shall also refer equally to the term granular material.

14. b. <u>Drain Gravel</u> Gravel used for backfilling around drains shall consist of crushed or naturally occurring granular material which will conform to the size and grading for Portland Cement Concrete Aggregate (Sec. F., Subsection VII, Paragraphs 5 and 6). The proportion of fine aggregate to coarse aggregate shall be as ordered by the City Engineer at the time of construction to suit the field conditions.

14. c. <u>Bank-Run Gravel</u> Bank-run gravel for use in backfilling shall come from approved sources. It shall contain substantially no material over 3 inches and shall be uniformly graded from coarse to fine.

14. d. <u>River Run Gravel</u> River-run gravel for use in backfilling shall come from approved sources. It shall contain substantially no material over 3 inches and shall be uniformly graded from coarse to fine

14. e. <u>Crushed Rock or Gravel</u> Crushed rock or gravel for use in backfilling shall conform to the requirements of the Standard Specifications (Section F, Subsection VII, Paragraph 12). The aggregate size shall vary from 3'' - 0 to 3/4'' - 0, as ordered by the City Engineer at the time of construction to suit the field conditions.

14. f. Sand Sand shall be the fine granular material naturally produced by the disintegration of rock and shall be sufficiently free of organic material, mica, loam, clay and other deleterious substances to be thoroughly suitable for the purpose for which it is intended. Sand shall be of such size that rinety percent (90%) to one bundred per cent (100%) by weight will pass a No. 4 sieve and not more than five per cent (5%) will pass a No. 200 sieve.

-9-(Over) SEC. C

## CRANULAR BACKFILL

Section F, Sub-section IV, Paragraph 12. £(4), "Gravel Backfill", of the Standard Specifications is amended as follows:

12. f(4) Granular Backfill

12. f(4a) General

References in the Standard Specifications to Backfill Gravel shall also refer equally to the term Granular Material. When the excavated material is unstable and would provide inadequate roadway support or is otherwise unsuitable, the Contractor shall backfill the trench with approved granular backfill material to the length and depth as required by the Plans, Special Specifications, or the Engineer and to the full width of the actual excavation. The granular backfill material shall be sand, gravel or crushed rock and shall conform to the requirements of the "Materials" subsection VII of these "General Construction Details."

## 12. f(4b) Pay Quantities

The pay quantity, in cubic yards, for granular backfill, as specified herein, shall be computed on the basis of the actual length and depth as specified or as ordered by the Engineer, and the width as the pay width of trench allowed in the pay quantity for trench excavation. When full granular backfill is specified or required payment for depth shall begin at a horizontal line through the invert of the pipe. volume of the pipe (outside diameter) will be deducted from this computed In no event will the pay quantities for granular backfill as quantity. computed exceed the actual quantities used.

### PIPE BEDDING AND TRENCH OR TUNNEL STABILIZATION 18.

Section F, Sub-section II, Paragraph 2. i(2), "Sand Bedding and Trench or Tunnel stabilization", of the Standard Specifications is amended as follows:

## 2. i(2) Pipe Bedding and Trench or Tunnel Stabilization

Pipe bedding materials and trench or tunnel stabilization materials shall conform to the requirements of the "Materials" Sub-section VII of these "General Construction Details" and shall be paid for on the basis of truck measure. Payment for these items shall terminate at a horizontal line through the invert of the pipe.

-9 A -

17.

# 19. MANHOLE FRAMES AND COVERS

Section F, Subsection VII, Paragraph 42, "Inlet Frames and Gratings and Manhole Frames and Covers" and Standard Drawings Nos. 207 and 208 are amended and revised as follows:

### MANHOLE FRAMES AND COVERS

42 (a) <u>General</u>. All castings shall be true to size and tolerances noted on Standard Drawing Nos. 207 and 208, as revised 3-8-1965, and be within  $\frac{1}{2}$  5% of the specified weight. The bearing seat shall have no rock when checked by a test jig. The foundry shall supply all test gauges and shall not sub-contract any of the work other than testing procedure, patterns, machining and cartage. The castings shall not be made by the open mold method and shall be free of porosity, shrink cavities, cold shots or cracks, or any defects which would impair serviceability. Repair of defects by welding, or by the use of "smoothon" or similar material will not be permitted. All castings shall be shot or sandblasted and the application of paint or other coating will not be permitted. Each casting shall have distinctly cast upon it the initials of the maker firm and the year of the cast. These characters shall be no less than  $1\frac{1}{2}$ " in height and 1/8" in relief.

42 (b) <u>Materials</u>. The material used shall conform to "Specifications for Gray Iron Castings", A.S.T.M. Designation A-48, with the following revisions:

Tensile Strength 30,000 - p.s.i, Transverse Strength: (1.2" dia. bar - 18" centers)

Load - Pounds		2,600 - 3,000
Deflection - inches	50 SS	0.22 - 0.34
Brinell Hardness (as cast)		173 - 200

The Foundry shall certify as to the tensile and transverse properties and the Brinell Hardness. The City of Portland reserves the right to ask for a Rough Transverse bar (size of bar 1.2" dia. by 20" long) and/or a tensile bar as per A.S.T.M. A-48 for each 20 castings or heat when less than 20 castings are made.

42 (c) <u>Inspection</u>. The authorized inspector of the City of Portland shall be notified at least twenty-four (24) hours in advance of casting of the units and test bar or bars. At least twenty-four (24) hour notice shall also be given prior to final gauging and inspection. At the discretion of the Engineer the following strength test shall be made on the manhole cover. The cover, while resting in its frame, shall sustain a concentrated load of 40,000 lbs. applied at its center plug. The Engineer may, at any time, require up to 5% of the job and/or order and in no case less than one (1) cover to be tested in this manner. In case of failure during the test, additional covers shall be furnished until the tests prove satisfactory. All covers that pass this test will be returned. The City will not be responsible for those that fail the test.

SEC. C

### 20. CLEAN-UP

The Contractor shall schedule his work so that the inconvenience to the public and adjacent property owners will be held to a minimum. No portion of these provisions shall negate any other section of the "Specifications Applying to Streets, Sewers, Bridges and Structures."

The length of trench including excavation, construction, backfilling and clean-up operations shall not exceed 200 feet in traffic areas, except in cases specifically allowed by the City Engineer. Clean-up of the backfilled area shall include compaction and clearing of the area so as to allow use of the trench area by normal traffic. In dedicated street areas, the trench area shall be made passable by either rock fill or by temporary cold mix patching. In private property areas, the trench shall be restored to a condition equal to its original condition. If the cleanup work has not progressed in a manner satisfactory to the City Engineer, the City Engineer may at his discretion order City crews to do the clean-up work as provided for in Section E, Paragraph 6.m., "City's Right to Do Work" of the Standard Specifications. In the case of a contract in which progress payments have been authorized, the City may at the discretion of the City Engineer withhold, in addition to the contract retainage, an additional forty per cent (40%) of the monthly progress payments until such time as the clean-up work is performed in a manner satisfactory to the City Engineer. Payment of any progress payment or portion especially withheld, or any other sum, shall not in any way constitute acceptance of the clean-up under these provisions, nor acceptance of the work in whole or in part.

### 21. EXCAVATION AND BACKFILL

An approved suitable tight sheeting system shall be used for all sewer construction.

It is anticipated that portions of the excavated material will be unsuitable for use in backfilling trenches. At the direction of the City such unsuitable material shall be removed from the construction site and disposed of by the Contractor. Arrangements for disposal sites shall be the responsibility of the Contractor.

Where removal of unsuitable native material has been ordered, select backfill will be required. Select backfill shall be granular material containing no organics and shall conform to the requirements of Section F, Subsection 7, Item 14.b "Bank-Run Gravel" except that material passing a 200mesh on a wet sieve basis shall not exceed 4%. Suitable river dredge sand may be used in lieu of "Bank-Run Gravel." Should the Contractor wish to substitute dredge sand, samples shall be submitted to the City for analysis. Suitable material shall be composed of sound, hard, durable particles and shall contain no organics. Not more than 85% shall pass a 60-mesh sieve, and not more than 4% shall pass a 200-mesh sieve.

Payment for select backfill materials will be at the contract unit price bid therefor for material in place on the basis of quantities computed as the product of the center line distance station to station, the vertical distance from the top of the pipe bedding to the bottom of the pavement base course or finish ground, and a width equal to the pay trench width, less the volume of the pipe, structures and manholes in the fill area. The cost of removal of unsuitable material shall be included in the unit cost of furnishing and placing select backfill.

The Contractor is advised that the quantity of select backfill indicated in the proposal is primarily for determination of the unit cost. Actual quantity ordered placed may vary greatly depending on conditions encountered during construction.

### 22. EXCESSIVE TRENGH WIDTHS

Trenches wider at the top of the pipe than the widths tabulated below may result in a greater load than the design load.

<u>Pipe Size</u>	ASTM C-76 Class	Maximum Width at Top of Pipe
36"	III	7'0"

If the maximum trench width at the top of the pipe is exceeded by the Contractor without the written authorization of the engineer, the Contractor may be required, at his own expense, to provide pipe of higher strength classification, or to provide a higher class of pipe bedding, or both, as may be deemed necessary by the engineer. "V" ditch construction shall not be permitted.

#### 23. TRAFFIC

All work shall be done in compliance with Section E of these specifications.

As a further requirement, the Contractor shall fulfill the following requirements:

- a. On N. Vancouver Avenue a minimum of two lanes will be required during the hours of 7 to 9 A.M. and one lane during other hours.
- b. Open cut sections shall not exceed 200 feet in length in street areas used by traffic. Commercial accesses shall be maintained during business hours. The Contractor shall notify the City's traffic engineers of special problems at least 24 hours in advance.

# 24. CONSTRUCTION SCHEDULE

To avoid congestion in the work area and to allow other utility work to commence as early as possible prior to planned street improvements, the following schedule of work to be performed by the Contractor is mandatory:

First. The Contractor shall commence work within ten (10) calendar days after receipt of written notice to proceed.

SEC. C

Second. That section of the storm and sanitary sewer from the beginning of Phase II construction to Manhole No. 3 and the standard 15" diversion manhole, both on N. Gantenbein Street, shall be completed first to allow the 49" x 73" existing combination sewer to be abandoned where the sewers cross it on N. Cook Street.

Third. The Contractor shall complete all work in N. Cook Street by May 1, 1973 and the balance of the contract shall be completed on or within two hundred and ten (210) calendar days from the date of receipt of the notice to proceed.

For any delay in beginning construction or final completion of this contract as set forth above, liquidated damages at the rate of one hundred dollars (\$100) per day shall be charged as specified in Section D, paragraph 9 of the Standard Specifications. A delay in completion of any state or stages shall be computed separately and cumulated in determining the liquidated damages chargeable to the Contractor.

## 25. SUBCONTRACTS

- a. The Contractor shall not execute an agreement with any subcontractor or permit any subcontractor to perform any work included in this contract until he has submitted a noncollusive affadavit from the subcontractor in substantially the form shown in the Instructions to Bidders under the section, "Sample Forms" and has received written approval of such subcontractor from the City.
- b. No proposed subcontractor shall be disapproved by the City except for cause.
- c. The Contractor shall be as fully responsible to the City for the acts and omissions of his subcontractors, and of persons either directly or indirectly employed by them, as he is for the acts and omissions of persons directly employed by him.
- d. The Contractor shall cause appropriate provision to be inserted in all subcontracts relative to the work to require compliance by each subcontractor with the applicable provisions of the contract for the improvements embraced in the sewer construction.
- e. Nothing contained in the contract shall create any contractual relation between any subcontractor and the City.

### 26. ASSIGNMENT OR NOVATION

The Contractor shall not assign or transfer, whether by an assignment or novation, any of his rights, duties, benefits, obligations, liabilities or responsibilities under this contract without the written consent of the City. No assignment or novation of this contract shall be valid unless the assignment or novation expressly provides that the assignment of any of the Contractor's rights or benefits under the contract is subject to a prior lien for labor performed, services rendered, and materials, tools and equipment supplied for the performance of the work under this contract in favor of all persons, firms, or corporations rendering such labor or services or supplying such materials, tools or equipment.

### 27. CONCRETE PLUGS

All plugs for stub outs from manholes and at pipe terminations as shown on the plans shall be concrete plugs banded to the pipe bells. No extra payment shall be made for concrete plugs, and the cost for them shall be absorbed in the unit price bid for the pipe complete in place.

### 28. SEALING OF ABANDONED PIPES

Pipes to be abandoned as noted on the plans or determined during construction shall have the ends completely sealed with concrete to form a watertight seal. Payment for sealing pipe ends shall be in accordance with the unit price bid per each in the proposal. The unit price bid shall be the complete payment for furnishing all materials, equipment, labor and incidentals required to seal the pipe ends in an acceptable manner.

### 29. CONNECTING NEW 8-INCH SEWER PIPE TO EXISTING CATCH INLETS

New 8-inch sewer pipe shall be connected to existing catch inlets as noted on the plans or as directed by the engineer. Payment for these connections shall be in accordance with the unit price bid for this item as listed in the proposal. The unit price bid shall be the complete payment for all materials, equipment, labor and incidentals required to connect into the existing catch inlets and grout in the 8-inch sewer pipe to provide a watertight seal, including any reconstruction of the inlet structure or depth adjustment required.

### 30. CONNECTIONS TO NEW MANHOLES

The Contractor shall break into new manholes and grout in pipes as noted on the plans or as directed by the engineer. Payment for this item of work shall be in accordance with the unit price bid for manholes complete in place as listed in the proposal. The unit price bid for manholes complete in place shall include all materials, equipment, labor and incidentals required to break into the manhole and grout in pipes to form a watertight seal.

## 31. MISCELLANEOUS PIPE LAYING AND PIPE CONNECTIONS NOT SHOWN ON THE PLANS

During the course of construction it is possible that existing pipe may be encountered that may have to be extended, reconnected or re-laid, or that new or additional pipe lines may be required other than those shown on the plans. The Contractor shall perform this additional work as directed by the engineer, and payment for this work will be in accordance with the unit price bid for like items as listed in the proposal, and such payment shall be the complete payment for doing the work in its entirety.

# 32. AREAS WHERE EXISTING CURBS AND WALKWAYS TO BE REMOVED WILL NOT BE REPLACED

Due to street widening and other street improvements that will commence under a separate contract upon completion of sewer work, curbs and walkways crossed by the sewers shall be removed but in most locations will not be replaced.

The Contractor shall receive no extra payment for removal of concrete curbs, walkways, and related appurtenances in these areas. Payment for removal and disposal of these items shall be absorbed in the unit price bid for trench excavation and backfill as listed in the proposal.

# 33. <u>REMOVAL OF CONCRETE WALLS, FOOTINGS, SLABS AND MISCELLANEOUS CONCRETE</u> MATERIAL

Buildings that lie over the sewers in the Urban Renewal Area as shown on the plans shall undergo demolition prior to sewer construction. The concrete walls, footings, slabs and other concrete structures may be partly removed or left in their entirety. The Contractor shall cut and remove concrete, tunnel under, or do both as required to construct the sewer as shown on the plans in a manner acceptable to the engineer. In addition to the above requirements, all concrete in the sewer work area that could not subsequently be readily removed without damage to the newly-constructed sewers shall be removed. Concrete removed in connection with the construction of the storm and sanitary sewers shall be removed from the site.

The Contractor shall receive no extra payment for the above work. Extra costs to the Contractor due to the concrete obstructions shall be absorbed in the unit price bid for excavation and backfill.

### 34. EXPLORATORY EXCAVATION FOR EXISTING SEWER BRANCHES OR OTHER UTILITIES

All available information as to the location of existing sewer branches and other utilities is on the plans. Any further information which becomes available will be supplied to the Contractor by the City. Some exploratory work may be required of the Contractor, and where such work is performed at the request of the engineer, payment shall be made at the unit price bid in the proposal for trench excavation and backfill, hard surface removal and replacement, or other items as applicable to the work performed.

### 35. BREAKING OUT PIPE IN MANHOLES

Where a standard diversion manhole or any other type of manhole is constructed over existing or new pipe, the pipeshall be cut and/or broken out in a workmanlike manner in accordance with the plans for the manhole construction. No extra payment shall be paid to the Contractor for this work. Payment for this work shall be included in the unit price bid for manholes complete in place as listed in the proposal.

### 36. CONSTRUCTION OF SEWERS COMMENCING AT DIVERSION MANHOLES

Diversion manholes shall be constructed in accordance with the details shown on the plans and bound in these specifications and shall be field adjusted to provide a minimum of interference and obstruction from existing utilities. Sewer lines from the diversion manholes shall be the size shown on the plans and shall be installed on a straight grade between the diversion manhole and the point of connection to the manhole wherever possible. Where grade conflicts occur the sewer grade shall be as directed by the engineer. No extra payment shall be made for this item of work. Payment in accordance with the unit prices bid in the proposal for applicable items of work shall be the payment for this work.

### 37. FILLING ABANDONED MANHOLES

Existing manholes to be abandoned shall be filled with select backfill compacted to 95% optimum density. Payment for this item shall be in accordance with the unit price bid for select granular material in place, and shall be the complete payment for furnishing all materials, equipment and incidentals necessary to complete this work.

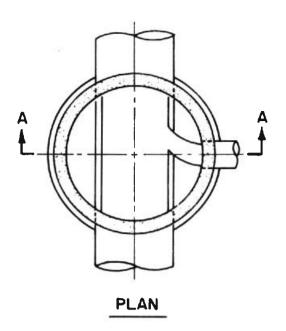
### 38. MANHOLES FOR STORM SEWERS LARGER THAN 36" IN DIAMETER

Manholes for storm sewers larger than 36" in diameter shall be constructed in accordance with the details shown on the plans. For pay purposes, manholes with major junctions and/or change in direction at the manhole location, are defined as follows:

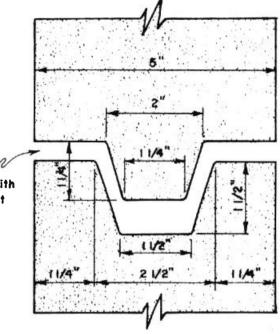
> <u>Concrete manholes with major junctions and/or change in</u> <u>direction shall include all manholes located at angle points</u> and all manholes that have junction branches <u>larger</u> than 18" entering the manhole. This definition shall apply only to main line sewers having a diameter larger than 36 inches.

### 39. NOTIFICATION OF COMPLETION

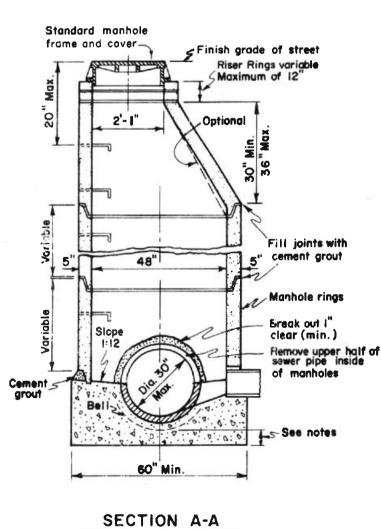
When the Contractor considers that he has fulfilled all the requirements of the contract, including clean-up, he shall notify the Chief, Bureau of Sanitary Engineering, Room 403, City Hall, Portland, Oregon 97204, in writing by certified mail, that the project is complete.



Fill joint with cement grout



# ALTERNATE JOINT



NOTES :

All precast sections shall conform to the requirements of ASTM C-478. All poured in place concrete shall have a 28 day strength of 3000 p.s.i, and 2" to 4" slump.

The manhole base shall provide at least 6" of concrete between the bottom of the base and the lowest projection of the sewer pipe.

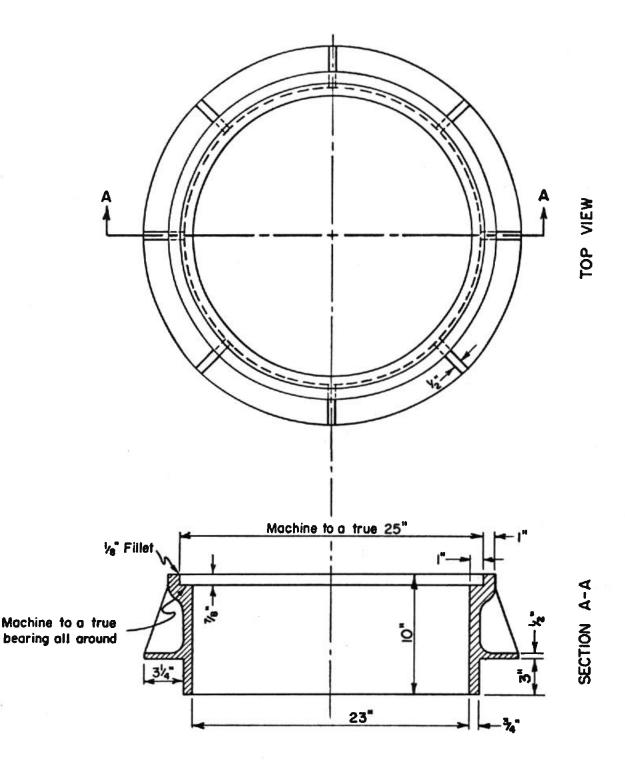
The manhole may be poured monolithic to 8" above the barrel of the main sewer.

See City of Portland Standard Drawing No. 206 for manhole step details.

CITY OF PORTLAND, OREGON DEPARTMENT OF PUBLIC WORKS LLOYD E. ANDERSON COMMISSIONER

# STANDARD PRECAST CONCRETE MANHOLE

APPROVED 5-20-70 DATE Y ENGINEER BUREAU OF DESIGN STANDARD PLAN NO 204 **REVISED JAN. 14, 1970** 



MATERIAL TO BE GRAY CAST IRON ASTM A-48, CLASS 30

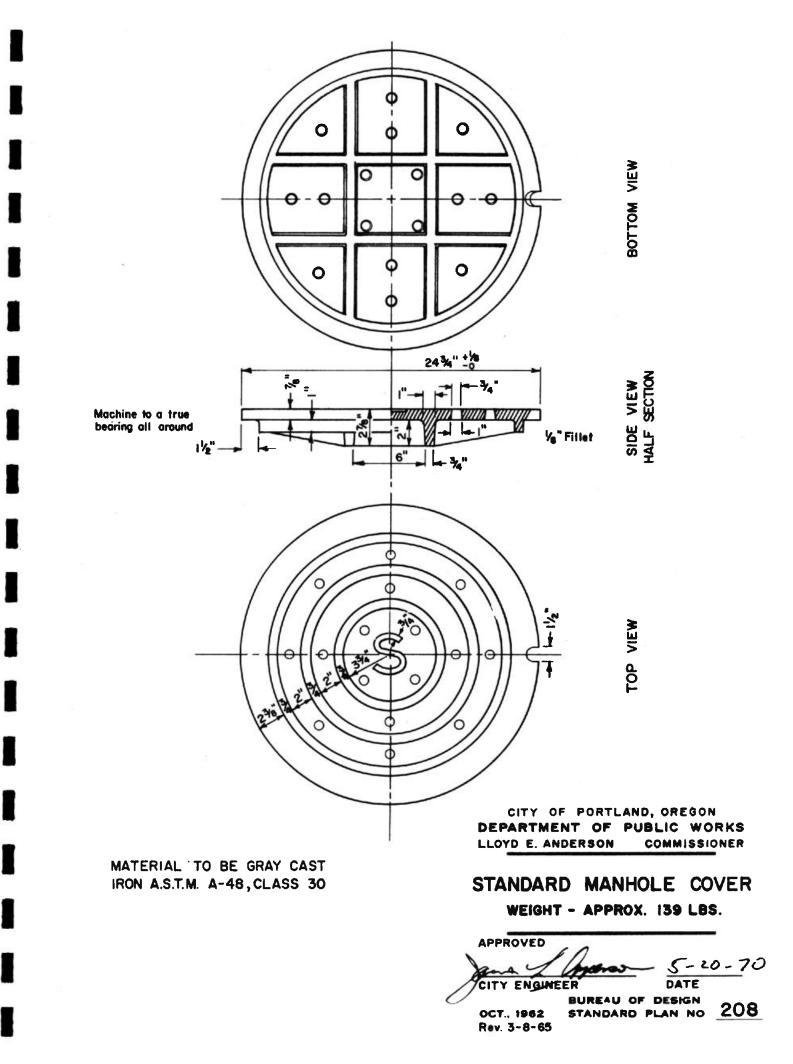
CITY OF PORTLAND, OREGON DEPARTMENT OF PUBLIC WORKS LLOYD E. ANDERSON COMMISSIONER

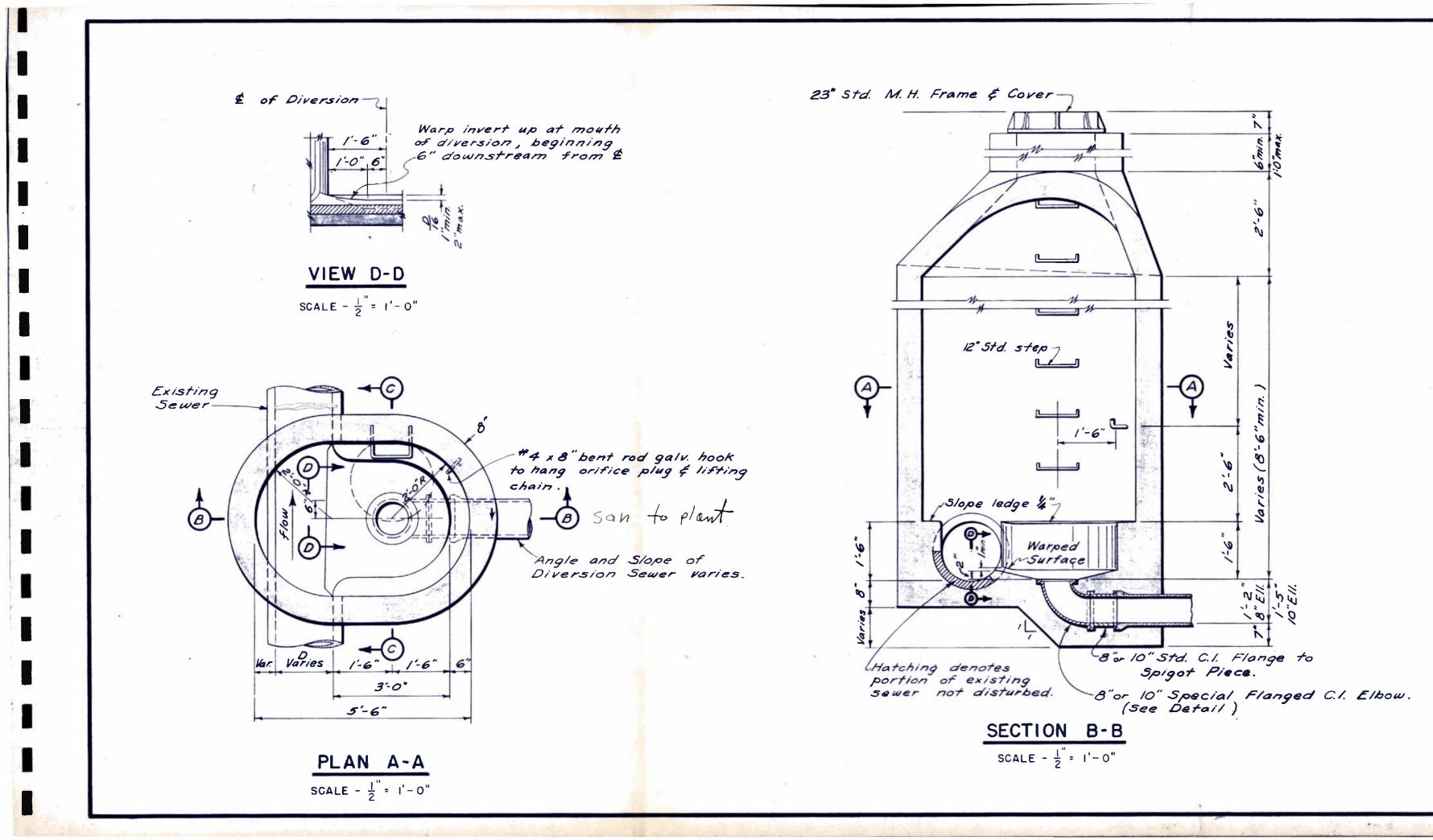
# STANDARD MANHOLE FRAME

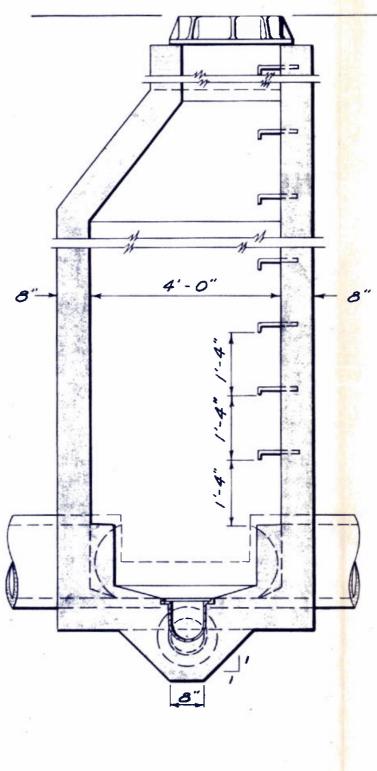
# WEIGHT - APPROX. 237 LBS.

APPROVED 5-20-70 DATE CITY ENGINEER STANDARD PLAN NO 207 OCT., 1962

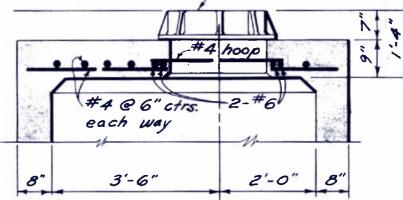
Rev. 3-8-65





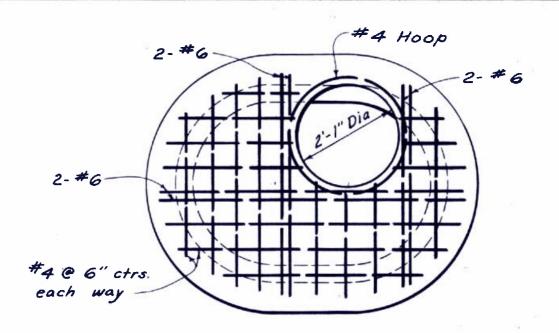


SECTION C-C SCALE -  $\frac{1}{2}$ " = 1'-0" 23" Std. M. H. Frame & Cover

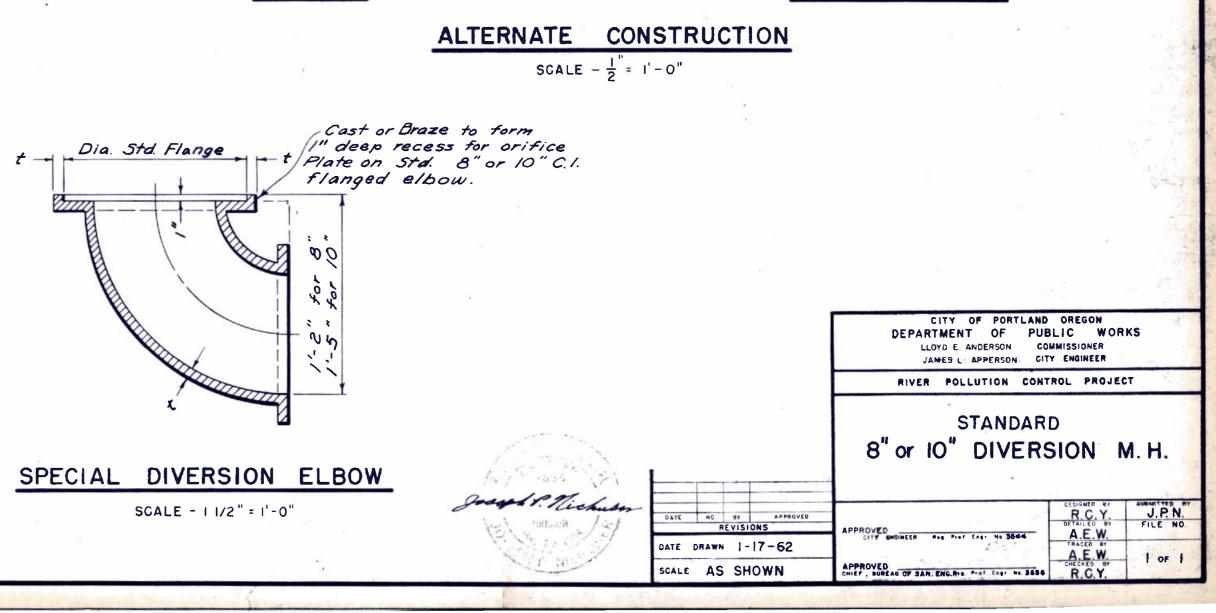


This construction required at shallow manhole installations; optional where depth of invert is sufficient to permit transition with no reinforcing.

ELEVATION

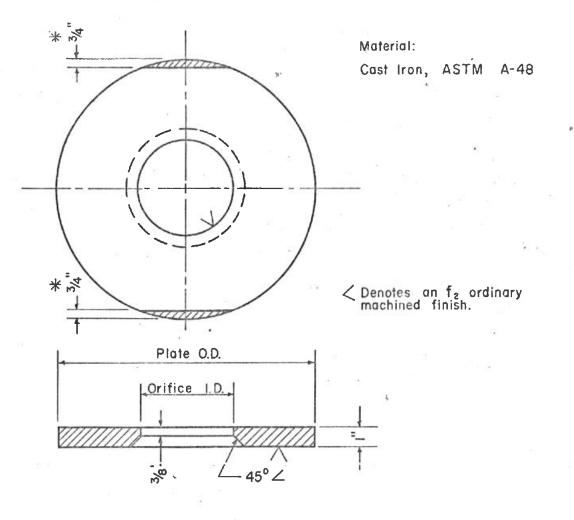


PLAN of TOP SLAB









# \* Note:

Orifice plates must pass through a 22" dia. opening; therefore,

(1) Orifice plates with a  $23\frac{1}{4}$ " O.D. shall have  $\frac{3}{4}$ " segments removed from opposite sides.

(2) Orifice plates with an O.D. greater than 23 1/4" shall be made in two half sections which, when assembled, form a true circle.

CITY OF PORTLAND, OREGON DEPARTMENT OF PUBLIC WORKS LLOYD ANDERSON COMMISSIONER

# STANDARD SHARP EDGED "

ORIFICE PLATE

APPROVED DATE 8-21-72 esson CITY ENGINEER

STANDARD PLAN NO 228

# INDEX OF ASTM STANDARDS

When an A.S.T.M. Specification is referred to in the Specifications, it shall be understood to refer to the revised Specifications as noted in the following:

SPECIFICATIONS	TITLE CURRENT	REVISED EDITION
A-15	Specifications for billet steel bars for concrete reinforcement	A-15-66
<b>A-1</b> 6	Specifications for rail steel bars for concrete reinforcement	A-16-66
<b>A-27</b>	Specifications for mild to medium strength carbon-steel castings for general application	A-27-65
A-36	Specifications for structural steel	A-36-67
A-42	Specifications for wrought iron plates	A-42-66
A-48	Specifications for gray iron castings	A-48-64
A-82	Specifications for cold drawn wire for concrete reinforcement	A-82-66
A-123	Specifications for zinc (Hot Galvanized) coatings on products fabricated from rolled, pressed and forged steel shapes, plates, bars and strip	A-123-66
A-153	Specifications for zinc coating (Hot Dip) on iron and steel hardware	A-153-65
A-160	Specifications for axle steel bars for concrete reinforcement	<b>A-160-66</b>
A-162	Specifications for uncoated wrought iron sheets	A-162-66
A-184	Specifications for fabricated steel bar or rod mats for concrete rein- forcement	A-184-65

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SPECIFICATIONS	TITLE CURRE	NT REVISED EDITION
<b>A-185</b>	Specifications for welded steel • wire fabric for concrete rein- forcement	<b>A-185-64</b>
<b>A-</b> 207	Specifications for rolled wrought iron shapes and bars	<b>A-207-66</b>
A-235	Specifications for carbon steel forgings for general industrial use	A-235-67
<b>A-</b> 252	Specifications for welded and seam- less pipe piles	A-252-63T
A-283	Specifications for low and inter- mediate tensile strength carbon- steel plates of structural quality	A-283-67
A-305	Specifications for minimum require- ments for the deformation of deformed steel bars for concrete reinforcement	
A-306	Specifications for carbon steel bars subject to mechanical property re- quirements	A-306-64
A-502	Specifications for steel structural rivets	A-502-65
A-536	Specifications for Ductile Iron Castings	A-536-67
<b>C-</b> 4	Specifications for clay drain tile	C-4-62
C-6	Specifications for normal finishing hydrated lime	C-6-49
<b>C</b> -7	Specifications for paving brick	<b>C</b> -7-42
C-12	<b>Recommended practice for installing vitrified clay sewer pipe</b>	C-12-64
C-13	Specifications for standard strength clay sewer pipe	C-13-65T
<b>C-1</b> 4	Specifications for concrete sewer pip	e C-14-67
C-25	Methods of chemical analysis of lime- stone, quick lime, and hydrated lime	C-25-67
C-32	Specifications for sewer brick (made from clay or shale)	C-32-63

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# TITLE

C-33	Specifications for concrete aggregates	C-33-67
c-40	Method of test for organic impur- ities in sands for concrete	<b>C-40-6</b> 6
C-50	Methods of sampling, inspection, packing and marking of quick lime and lime products	C-50-57
C-62	Specifications for building brick (solid masonry units made from clay or shale)	C-62-66
C-76	Specifications for reinforced concrete culvert, storm drain and sewer pipe	C-76-67
C-87	Method of test for measuring mortar making properties of fine aggregate	C-87-67T
C-94	Specifications for ready mixed concrete	c-94-67
C-110	Methods of physical testing of quick lime and hydrated lime	C-110-67
C-117	Method of test for amount of material finer than No. 200 sieve in aggregate	C-117-67
C-131	Method of test for abrasion of coarse aggregate by use of the Los Angeles machine	C-131-66
C-136	Method of test for sieve analysis of fine and coarse aggregate	C-136-67
C-143	Method of test for slump of Portland cement concrete	C-143-66
C-150	Specifications for Portland cement	C-150-67
C-175	Specifications for air entraining Portland cement	C-175-67
C-200	Specifications for extra strength clay sewer pipe	C-200-65T

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SPECIFICATIONS	TITLE	CURRENT	REVISED EDITION
C-425 -	Specifications for joints for vitrifi spigot pipe	-	С-425-66 Т
C-443	Specifications for cular concrete sew pipe, using flexib rubber-type gasket	er and culvert le, watertight,	C-443-67
D-12	Specifications for	raw tung oil	<b>D-12-64</b>
<b>D-1</b> 3	Specifications for turpentine	spirits of	<b>D-13-65</b>
D-25	Specifications for	round timber piles	D-25-58
D-79	Specifications for	zinc oxide	D-79-44
D-80	Specifications for	leaded zinc oxide	D-80-61
<b>D-8</b> 1	Specifications for white lead	basic carbonate	D-81-43
D-82	Specifications for white lead	basic sulphate	<b>D-82-44</b>
D-98	Specifications for	calcium chloride	D-98-59
<b>D-209</b>	Specifications for	lampblack	<b>D-</b> 209-47
D-212	Specifications for	pure chrome green	D-212-47
<b>D-234</b>	Specifications for	raw linseed oil	D-234-66T
<b>D-2</b> 35	Specifications for (Mineral Spirits)	petroleum spirits	D-235-61
<b>D-242</b>	Specifications for	mineral filler	D-242-64
<b>D-261</b>	Specifications for	iron blue	<b>D-261-47</b>
D-263	Specifications for	chrome oxide green	D-263-46
D-476	Specifications for	titanium dioxide	D-476-66

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D-545	Methods of testing preformed ex- pansion joint fillers for concrete (Non-extruding and resilient types)	D-545-67
D-561	Specifications for carbon black	D-561-46
D-600	Specifications for liquid paint driers	D-600-65
D~605	Specifications for magnesium silicate pigment	D-605-66T
D-607	Specifications for mica pigment	D-607-42
D-946	Specifications for asphalt cement for use in pavement construction	D-946-63T
D-977	Specifications for emulsified asphalt	D-977-64T
D-1073	Specifications for fine aggregate for bituminous paving mixtures	D-1073-63
D-1751	Specifications for preformed expansion joint fillers for concrete paving and structural construction (Non-extruding and resilient bituminous types)	D-1751-65
D-1752	Specifications for deformed expansion joint fillers for concrete paving and structural construction (non-extruding	D-1752-67
	and resilient non-bituminous types)	
D-2027	Specifications for liquid asphalt (Medium-curing type)	<b>D-202</b> 7-65
D-2028	Specifications for liquid asphalt (Rapid-Curing type)	D-2028-65
E-10	Method of test for Brinell hardness of metallic materials	E-10-66

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When an A.A.S.H.O. Specification is referred to in the Specifications, it shall be understood to refer to the revised Specifications as noted in the following:

M-36 Specifications for corrugated metal M-36-57 culvert pipe

SPECIFICATIONS	TITLE CURRE	NT REVISED EDITION
M-67	Specifications for foliage green bridge paint	M-67-54
M-68	Specifications for black bridge paint	M-68-52
M-69	Specifications for aluminum paint	M-69-52
M-70	Specifications for white and tinted ready-mixed paint	M-70-52
M-71	Specifications for red lead and paint made therefrom	M-71-42
M-72	Specifications for red lead ready- mixed paint	M-72-57
M-129	Specifications for mineral iron oxide	M-129-42
<b>T-91</b>	Method of calculating the plasticity index of soils	T-91-54

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### GENERAL CONDITIONS

# PART 11

### (Federal Labor Standards Provisions)

### 201. THE PROJECT TO WHICH THE WORK COVERED BY THIS CONTRACT PERTAINS

The Project to which the work covered by this Contract pertains is being assisted under Title 1 of the Housing Act of 1949, as amended, by the United States of America. The following Federal Labor Standards Provisions are included in this Contract pursuant to the provisions applicable to such Federal assistance.

### 202. DEFINED TERMS

Except where the context clearly indicates otherwise, the following terms as used in these Federal Labor Standards Provisions, shall have the meanings ascribed to them in this Section. The term "Secretary" means the Secretary of Housing and Urban Development, or other person who may be at the time acting in the capacity or authorized to perform the functions of such Secretary, or the authorized representative thereof, or any other person designated by such Secretary to perform his functions. The term "subcontractor" means any subcontractor whose subcontract covers any of the work covered by this Contract. The term "subcontract" means any subcontract which calls for the performance of any of the work covered by this Contract.

# 203. MINIMUM SALARY RATES FOR ARCHITECTS, TECHNICAL ENGINEERS, DRAFTSMEN, AND TECHNICIANS

All architects, technical engineers, draftsmen, and technicians (herein called "technical employees") employed upon the work covered by this Contract shall be paid unconditionally and not less often than once each month, and without subsequent deduction or rebate on any account (except such payroll deductions as are made mandatory by law and such other payroll deductions as are permitted by the applicable regulations issued by the Secretary of Labor, United States Department of Labor, pursuant to the Anti-Kickback Act hereinafter identified), the full amounts due at the time of payment computed at salary rates not less than those set forth in Exhibit "A" included in these specifications, regardless of any contractual relationship which may be alleged to exist between the Contractor or any subcontractor and such technical employees.

### 204. MINIMUM WAGE RATES FOR LABORERS AND MECHANICS

Ail laborers and mechanics employed upon the work covered by this Contract shall be paid unconditionally and not less often than once each week, and without subsequent deduction or rebate on any account (except such payroll deductions as are made mandatory by law and such other payroll deductions as are permitted by the applicable regulations issued by the Secretary of Labor, United States Department of Labor, pursuant to the Anti-Kickback Act hereinafter identified), the full amounts due at time of payment computed at wage rates not less than those contained in the wage determination decision of said Secretary of Labor which is set forth in these specifications and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the Contractor or any subcontractor and such laborers and mechanics. All laborers and mechanics employed upon such work shall be paid in cash, except that payment may be by check if the employer provides or secures satisfactory facilities approved by the Local Public Agency for the cashing of the same without cost or expense to the employee. For the purpose of this clause, contributions made or costs reasonably anticipated under Section 1(b)(2)of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of Section 5.5(a)(1)(iv)of Title 29, Code of Federal Regulations. Also for the purpose of this clause, regular contributions made or costs incurred for more than a weekly period under plans, funds, or programs, but covering the particular weekly period, are deemed to be constructively made or incurred during such weekly period.

### 205. UNDERPAYMENTS OF WAGES OR SALARIES

In case of underpayment of wages or salaries by the Contractor or by any subcontractor to laborers, mechanics, or technical employees employed by the Contractor or subcontractor upon the work covered by this Contract, the Local Public Agency, in addition to such other rights as may be afforded it under this Contract, may withhold from the Contractor, out of any payments due the Contractor, so much thereof as the Local Public Agency may consider necessary to pay such laborers, mechanics, or technical employees the full amount of wages or salaries required by this Contract. The amount so withheld shall be disbursed by the Local Public Agency, for and on account of the Contractor or the subcontractor (as may be appropriate), to the respective laborers, mechanics, or technical employees to whom the same is due or on their behalf to plans, funds, or programs for any type of fringe benefit prescribed in the applicable wage determination.

### 206. FRINGE BENEFITS AS PART OF WAGES

The Contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing benefits under a plan or program described in Section 1 (b)(2)(B) of the Davis-Bacon Act, or any bona fide fringe benefits not expressly listed in Section 1 (b)(2) of the Davis-Bacon Act or otherwise not listed in the wage determination decision of the Secretary of Labor which is included in this Contract, when the Secretary of Labor has found, upon the written request of the Contractor, that the applicable standards of the Davis-Bacon Act have been met. Whenever practicable, the Contractor should request the Secretary of Labor to make such findings before the making of the Contract. In the case of unfunded plans and programs, the Secretary of Labor may require the Contractor to set aside in a separate account assets for the meeting of obligations under the plan or program. A copy of any findings made by the Secretary of Labor in respect to fringe benefits being provided by the Contractor must be submitted to the Local Public Agency with the first payroll filed by the Contractor subsequent to receipt of the findings.

### 207. CONTRACT WORK HOURS STANDARDS ACT -- OVERTIME COMPENSATION

a. <u>Overtime requirements</u>. No Contractor or subcontractor contracting for any part of the Contract work which may require or involve the employment of laborers or mechanics, including watchmen and guards, shall require or permit any laborer or mechanic in any workweek in which he is employed on such work to work in excess of eight hours in any calendar day or in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times his basic rate of pay for all hours worked in excess of eight hours in any calendar day or in excess of forty hours in such workweek, as the case may be,

b. <u>Violation; liability for unpaid wages; liquidated damages</u>. In the event of any violation of the clause set forth in paragraph "a", the Contractor and any subcontractor responsible therefor shall be liable to any affected employee for his unpaid wages. In addition, such Contractor and subcontractor shall be liable to the United States for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic employed in violation of the clause set forth in paragraph "a", in the sum of \$10 for each calendar day on which such employee was required or permitted to work in excess of eight hours or in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph "a".

c. <u>Withholding for liquidated damages</u>. The Local Public Agency may withhold or cause to be withheld, from any moneys payable on account of work performed by the Contractor or subcontractor, such sums as may administratively be determined to be necessary to satisfy any liabilities of such Contractor or subcontractor for liquidated damages as provided in the clause set forth in paragraph "b".

d. <u>Subcontracts</u>. The Contractor shall insert in any subcontracts the clauses set forth in paragraphs "a", "b", and "c" of this Section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts which they may enter into, together with a clause requiring this insertion in any further subcontracts that may in turn be made.

## 203. EMPLOYMENT OF APPRENTICES

Apprentices (to mechanics) will be permitted to perform work covered by this Contract only under a bona fide apprenticeship program registered with a State Apprenticeship Agency which is recognized by the Federal Bureau of Apprenticeship and Training, United States Department of Labor, or, if no such recognized Agency exists in a State, under a program registered with the Bureau of Apprenticeship and Training, United States Department of Labor. The allowable ratio of apprentices to journeymen in any craft classification shall not be greater than the ratio permitted to the Contractor as to his entire work force under the registered program. Any employee listed on a payroll at an apprentice wage rate, who is not registered as above, shall be paid the wage rate determined by the Secretary of Labor, United States Department of Labor, for the classification of work he actually performed. The Contractor or subcontractor will be required to furnish written evidence of the registration of his program and apprentices, as well as of the appropriate ratios and wage rates for the area of construction, prior to using any apprentices on the Contract work.

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# 209. CONTRACTOR'S CERTIFICATES

Before each payment by the Local Public Agency to the Contractor under this Contract, the Contractor shall furnish the Local Public Agency with his certificate, in duplicate, substantially to the effect that the Contractor and each subcontractor has complied with the wage and other Labor Standards Provisions of this Contract which pertain to laborers and mechanics employed upon the work covered by this Contract or that there is an honest dispute with respect to such provisions. The form of the certificate to be used will be furnished by the Local Public Agency.

# 210. EQUAL EMPLOYMENT OPPORTUNITY

During the performance of this Contract, the Contractor agrees as follows:

a. The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, or national origin. Such action shall include but not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Local Public Agency setting forth the provisions of this nondiscrimination clause.

b. The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.

c. The Contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice, to be provided, advising the labor union or workers' representative of the Contractor's commitments under Section 202 of Executive Order 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

d. The Contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

a. The Contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor or the Secretary of Housing and Urban Development pursuant thereto, and will permit access to his books, records, and accounts by the Local Public Agency, the Secretary of Housing and Urban Development, and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders. f. In the event of the Contractor's noncompliance with the nondiscrimination clauses of this Contract or with any of such rules, regulations, or orders, this Contract may be canceled, terminated, or suspended in whole or in part and the Contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

g. The Contractor will include the provisions of paragraphs a through g in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The Contractor will take such action with respect to any subcontract or purchase order as the Local Public Agency or the Department of Housing and Urban Development may direct as a means of enforcing such provisions, including sanctions for noncompliance: <u>Provided</u>, <u>however</u>, that in the event the Contractor or vendor as a result of such direction by the Local Public Agency or the Department of Housing and Urban Development, the Contractor may request the United States to enter into such litigation to protect the interests of the United States.

211. EMPLOYMENT OPPORTUNITIES FOR LOWER INCOME PERSONS

The Contractor, in connection with work covered by this Contract, to the greatest extent feasible, shall provide opportunities for training and employment to lower income persons residing in the Project area.

# 212. EMPLOYMENT OF CERTAIN PERSONS PROHIBITED

No person who, at the time, is serving sentence in a penal or correctional institution shall be employed on the work covered by this Contract.

213. REGULATIONS PURSUANT TO SO-CALLED "ANTI-KICKBACK ACT"

The Contractor shall comply with the applicable regulations (a copy of which is attached and herein incorporated by reference) of the Secretary of Labor, United States Department of Labor, made pursuant to the so-called "Anti-Kickback Act" of June 13, 1934 (48 Stat. 948; 62 Stat. 862; title 18 U.S.C., section 874; and title 40 U.S.C., section 276c), and any amendments or modifications thereof, shall cause appropriate provisions to be inserted in subcontracts to insure compliance therewith by all subcontractors subject thereto, and shall be responsible for the submission of affidavits required of subcontractors thereunder, except as said Secretary of Labor may specifically provide for reasonable limitations, variations, tolerances, and exemptions from the requirements thereof.

# 214. EMPLOYMENT OF LABORERS OR MECHANICS NOT LISTED IN AFORESAID WAGE DETERMINATION DECISION

Any class of laborers or mechanics which is not listed in the wage determination and which is to be employed under the Contract will be classified or reclassified conformably to the wage determination by the Local Public Agency, and a report of the action taken shall be submitted by the Local Public Agency, through the Secretary, to the Secretary of Labor, United States Department of Labor. In the event the interested parties cannot agree on the proper classification or reclassification of a particular class of laborers and mechanics to be used, the question accompanied by the recommendation of the Local Public Agency shall be referred, through the Secretary, to the Secretary of Labor for final determination.

215. FRINGE BENEFITS NOT EXPRESSED AS HOURLY WAGE RATES

The Local Public Agency shall require, whenever the minimum wage rate prescribed in the Contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly wage rate and the Contractor is obligated to pay a cash equivalent of such a fringe benefit, an hourly cash equivalent thereof to be established. In the event the interested parties cannot agree upon a cash equivalent of the fringe benefit, the question, accompanied by the recommendation of the Local Public Agency, shall be referred, through the Secretary, to the Secretary of Labor for determination.

216. POSTING WAGE DETERMINATION DECISIONS AND AUTHORIZED WAGE DEDUCTIONS

The applicable wage poster of the Secretary of Labor, United States Department of Labor (Form WHPC 1240), and the applicable wage determination decisions of said Secretary of Labor with respect to the various classifications of laborers and mechanics employed and to be employed upon the work covered by this Contract, and a statement showing all deductions, if any, in accordance with the provisions of this Contract, to be made from wages actually earned by persons so employed or to be employed in such classifications, shall be posted at appropriate conspicuous points at the site of the work.

217. COMPLAINTS, ETC., BY EMPLOYEES

No laborer, mechanic, or technical employee to whom the wage, salary, or other labor standards provisions of this Contract are applicable shall be discharged or in any other manner discriminated against by the Contractor or any subcontractor because such employee has filed any complaint or instituted or caused to be instituted any proceeding or has testified or is about to testify in any proceeding under or relating to the labor standards applicable under this Contract to his employer.

218. CLAIMS AND DISPUTES PERTAINING TO SALARY RATES FOR TECHNICAL EMPLOYEES

Claims and disputes pertaining to salary rates or to classifications of technical employees employed upon the work covered by this Contract shall be promptly reported in writing by the Contractor to the Local Public Agency for the latter's decision which shall be final with respect thereto.

# 219. CLAIMS AND DISPUTES PERTAINING TO WAGE RATES FOR LABORERS AND MECHANICS

Claims and disputes pertaining to wage rates or to classifications of laborers and mechanics employed upon the work covered by this Contract shall be promptly reported by the Contractor in writing to the Local Public Agency for referral by the latter through the Secretary to the Secretary of Labor, United States Department of Labor, whose decision shall be final with respect thereto.

### 220. QUESTIONS CONCERNING CERTAIN FEDERAL STATUTES AND REGULATIONS

All questions arising under this Contract which relate to the application or interpretation of (a) the aforesaid Anti-Kickback Act, (b) the Contract Work Hours Standards Act, (c) the regulations issued by the Secretary of Labor, United States Department of Labor, pursuant to said Acts, (d) the aforesaid Davis-Bacon Act, or (e) the labor-standards provisions of Title I of the Housing Act of 1949, as amended, shall be referred, through the Local Public Agency and the Secretary, to the Secretary of Labor, United States Department of Labor, for appropriate ruling or interpretation by said Secretary of Labor which shall be authoritative and may be relied upon for the purposes of this Contract.

### 221. PAYROLLS AND BASIC PAYROLL RECORDS OF THE CONTRACTOR AND SUBCONTRACTORS

The Contractor and each subcontractor shall prepare his payrolls on forms satisfactory to and in accordance with instructions to be furnished by the Local Public Agency. The Contractor shall submit weekly to the Local Public Agency two certified copies of all payrolls of the Contractor and of the subcontractors, it being understood that the Contractor shall be responsible for the submission of copies of payrolls of all subcontractors. Each such payroll shall contain the "Weekly Statement of Compliance" set forth in Section 3.3 of Title 29, Code of Federal Regulations. The payrolls and basic payroll records of the Contractor and each subcontractor covering all laborers and mechanics employed upon the work covered by this Contract shall be maintained during the course of the work and preserved for a period of three years thereafter. Such payrolls and basic payroll records shall contain the name and address of each such employee, his correct classification, rate of pay (including rates of contributions or costs anticipated of the types described in Section 1(b)(2) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made, and actual wages paid. In addition, whenever the Secretary of Labor has found under Section 5.5(a)(1)(iv) of Title 29, Code of Federal Regulations, that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in Section 1(b)(2)(B) of the Davis-Bacon Act, the Contractor or subcontractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. The Contractor and each subcontractor shall make his employment records with respect to persons employed by him upon the work covered by this Contract available for inspection by the Secretary, and authorized representatives of the Local Public Agency and of the United States Department of Labor. The Secretary and such representatives shall be permitted to interview employees of the Contractor or of any subcontractor during working hours on the job.

### 222. SPECIFIC COVERAGE OF CERTAIN TYPES OF WORK BY EMPLOYEES

The transporting of materials and supplies to or from the site of the Project to which this Contract pertains by the employees of the Contractor or of any subcontractor, and the manufacturing or furnishing of materials, articles, supplies, or equipment on the site of the Project to which this Contract pertains by persons employed by the Contractor or by any subcontractor, shall, for the purposes of this Contract, and without limiting the generality of the foregoing provisions of this Contract, be deemed to be work to which these Federal Labor Standards Provisions of this Part II of General Conditions are applicable.

## 223. INELIGIBLE SUBCONTRACTORS

The Contractor shall not subcontract any part of the work covered by this Contract or permit subcontracted work to be further subcontracted without the Local Public Agency's prior written approval of the subcontractor. The Local Public Agency will not approve any subcontractor for work covered by this Contract who is at the time ineligible under the provisions of any applicable regulations issued by the Secretary of Labor, United States Department of Labor, to receive an award of such subcontract.

224. INTEREST OF CERTAIN FEDERAL AND OTHER OFFICIALS

a. No Member of or Delegate to the Congress of the United States and no Resident Commissioner shall be admitted to any share or part of this Contract or to any benefit to arise from the same: <u>Provided</u>, That the foregoing provision of this Section shall not be construed to extend to this Contract if made with a corporation for its general benefit.

b. No member of the governing **body of** the Local Public Agency who exercises any functions or responsibilities in connection with the carrying out of the Project to which this Contract pertains, and no other officer or employee of the Local Public Agency who exercises any such functions or responsibilities, shall have any private interest, direct or indirect, in this Contract which is incompatible or in conflict with the discharge or fulfillment of his functions and responsibilities in connection with the carrying out of the Project to which this Contract pertains.

225. PROVISIONS TO BE INCLUDED IN CERTAIN SUBCONTRACTS

The Contractor shall include or cause to be included in each subcontract covering any of the work covered by this Contract, provisions which are consistent with the Federal Labor Standards Provisions of this PART II of General Conditions, and also a clause requiring the subcontractors to include such provisions in any lower tier subcontracts which they may enter into, together with a clause requiring such insertion in any further subcontracts that may in turn be made.

# 226. BREACH OF FOREGOING FEDERAL LABOR-STANDARDS PROVISIONS

In addition to the causes for termination of this Contract as herein elsewhere set forth, the Local Public Agency hereby reserves the right to terminate this Contract if the Contractor or any subcontractor whose subcontract covers any of the work covered by this Contract shall breach any of the Federal Labor Standards Provisions of this PART II of General Conditions which pertain to laborers or mechanics. A breach of said Federal Labor Standards Provisions may also be grounds for debarment as provided by the applicable regulations issued by the Secretary of Labor, United States Department of Labor.

### GENERAL CONDITIONS

# PART III

### (Nonfederal Labor Standards Provisions)

## 301. GENERAL PROVISIONS

The following Nonfederal Labor Standards Provisions, including the following provisions concerning maximum hours of work, minimum rates of pay, and overtime compensation, with respect to the categories and classifications of employees hereinafter mentioned, are included in this Contract pursuant to the requirements of applicable State or local laws, but the inclusion of such provisions shall not be construed to relieve the Contractor or any subcontractor from the pertinent requirements of any corresponding Federal Labor Standards Provisions of this Contract. In case the minimum rates of pay set forth below shall be deemed, for the purposes of this Contract, to be the applicable minimum rates of pay for such classifications. The limitations, if any, in these Nonfederal Labor Standards Provisions upon the hours per day, per week or per month which employees engaged on the work covered by this Contract may be required or permitted to work thereon, shall not be exceeded.

# 302. OTHER STIPULATIONS

a. The Contractor shall comply with all the provisions of the laws of the State of Oregon and ordinances of the City of Portland relating to the employment of labor. No laborer, workman or mechanic in the Contractor's employ or in the employ of any subcontractor, if such is employed, or other person doing or contracting to do the whole or a part of the work contemplated hereunder shall be required or permitted to labor more than eight (8) hours in any one day, or forty (40) hours in any one week, except in cases of necessity, emergency or where the public policy absolutely requires it, in which event the person or persons so employed for excessive hours shall receive at least time and one-half for all overtime in excess of eight (8) hours a day, and for work performed on Saturdays and on legal holidays, provided, however, that nothing herein contained shall apply to any labor performed in the manufacture or fabrication of any material manufactured or fabricated in any plant or place other than the place where the main contract is to be performed.

b. If the Contractor fails, neglects or refuses to make prompt payment of any claim for labor or services furnished to Contractor or to a subcontractor by any person in connection with this Contract, as such claim becomes due, the Local Public Agency may pay such claim to the person furnishing labor or services and charge the amount of the payment against the funds due or to become due the Contractor by reason of this Contract, and such payment shall not relieve the Contractor or the Contractor's surety from the obligations of either with respect to any unpaid claims. D + S (7-71)

c. The Contractor shall make payment promptly as due to all persons supplying to the Contractor labor or material for the prosecution of the work provided for in this Contract, shall pay all contributions or amounts due the State Industrial Accident Fund, the State Unemployment Compensation Trust Fund, and the State Tax Commission in consequence of work under this Contract, and shall not permit any lien or claims to be filed or prosecuted against the Local Public Agency on account of any labor or material furnished.

### SO-CALLED "ANTI-KICKBACK ACT" AND REGULATIONS PROMULGATED PURSUANT THERETO BY THE SECRETARY OF LABOR, UNITED STATES DEPARTMENT OF LABOR

### TITLE 18, U.S.C., section 874

(Replaces section 1 of the Act of June 13, 1934 ((48 Stat. 948, 40 U.S.C., sec. 276b)) pursuant to the Act of June 25, 1948, 62 Stat. 862)

### KICKBACKS FROM PUBLIC WORKS EMPLOYEES

Whoever, by force, intimidation, or threat of procuring dismissal from employment, or by any other manner whatsoever induces any person employed in the construction, prosecution, completion or repair of any public building, public work, or building or work financed in whole or in part by loans or grants from the United States, to give up any part of the compensation to which he is entitled under his contract of employment, shall be fined not more than \$5,000 or imprisoned not more than five years, or both.

> SECTION 2 OF THE ACT OF JUNE 13, 1934, AS AMENDED (48 Stat. 948, 62 Stat. 862, 63 Stat. 108, 72 Stat. 967, 40 U.S.C., sec. 276c)

The Secretary of Labor shall make reasonable regulations for contractors and subcontractors engaged in the construction, prosecution, completion or repair of public buildings, public works or buildings or works financed in whole or in part by loans or grants from the United States, including a provision that each contractor and subcontractor shall furnish weekly a statement with respect to the wages paid each employee during the preceding week. Section 1001 of Title 18 (United States Code) shall apply to such statements.

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Pursuant to the aforesaid Anti-Kickback Act, the Secretary of Labor, United States Department of Labor, has promulgated the regulations hereinafter set forth, which regulations are found in Title 29, Subtitle A, Code of Federal Regulations, Part 3. The term, "this part," as used in the regulations hereinafter set forth, refers to Part 3 last above mentioned. Said regulations are as follows:

### CONTRACTORS AND SUBCONTRACTORS ON PUBLIC BUILDING AND PUBLIC WORK AND ON BUILDING AND WORK FINANCED IN WHOLE OR IN PART BY LOANS OR GRANTS FROM THE UNITED STATES

#### Sec. 3.1 Purpose and scope.

This part prescribes "anti-kickback" regulations under section 2 of the Act of June 13, 1934, as amended (40 U.S.C. 276c), popularly known as the Copeland Acf. This part applies to any contract which is subject to Federal wage standards and which is for the construction, prosecution, completion, or repair of public buildings, public works or buildings or works financed in whole or in part by loans or grants from the United States. The part is intended to aid in the enforcement of the minimum wage provisions of the Davis-Bacon Act and the various statutes dealing with Federally-assisted construction that contain similar minimum wage provisions, including those provisions which are not subject to Reorganization Plan No. 14 (e.g., the College Housing Act of 1950, the Federal Water Pollution Control Act, and the Housing Act of 1959), and in the enforcement of the overtime provisions of the Contract Work Hours Standards Act whenever they are applicable to construction work. The part details the obligation of contractors and subcontractors relative to the weekly

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submission of statements regarding the wages paid on work covered thereby; sets forth the circumstances and procedures governing the making of payroll deductions from the wages of those employed on such work; and delineates the methods of payment permissible on such work.

#### Sec. 3.2 Definitions.

As used in the regulations in this part:

(a) The terms "building" or "work" generally include construction activity as distinguished from manufacturing, furnishing of materials, or servicing and maintenance work. The terms include, without limitation, buildings, structures, and improvements of all types, such as bridges, dams, plants, highways, parkways, streets, subways, tunnels, sewers, mains, powerlines, pumping stations, railways, airports, terminals, docks, piers, wharves, ways, lighthouses, buoys, jetties, break-waters, levees, and canals; dredging, shoring, scaffolding, drilling, blasting, excavating, clearing, and landscaping. Unless conducted in connection with and at the site of such a building or work as is described in the foregoing sentence, the manufacture or furnishing of materials, articles, supplies, or equipment (whether or not a Federal or State agency acquires title to such materials, articles, supplies, or equipment during the course of the manufacture or furnishing, or owns the materials from which they are manufactured or furnished) is not a "building" or "work" within the meaning of the regulations in this part.

(b) The terms "construction," "prosecution," "completion," or "repair" mean all types of work done on a particular building or work at the site thereof, including, without limitation, altering, remodeling, painting and decorating, the transporting of materials and supplies to or from the building or work by the employees of the construction contractor or construction subcontractor, and the manufacturing or furnishing of materials, articles, supplies, or equipment on the site of the building or work, by persons employed at the site by the contractor or subcontractor.

(c) The terms "public building" or "public work" include building or work for whose construction, prosecution, completion, or repair, as defined above, a Federal agency is a contracting party, regardless of whether title thereof is in a Federal agency.

(d) The term "building or work financed in whole or in part by loans or grants from the United States" includes building or work for whose construction, prosecution, completion, or repair, as defined above, payment or part payment is made directly or indirectly from funds provided by loans or grants by a Federal agency. The term does not include building or work for which Federal assistance is limited solely to land guarantees or insurance.

(e) Every person paid by a contractor or subcontractor in any manner for his labor in the construction, prosecution, completion, or repair of a public building or public work or building or work financed in whole or in part by loans or grants from the United States is "employed" and receiving "wages," regardless of any contractual relationship alleged to exist between him and the real employer.

(f) The term "any affiliated person" includes a spouse, child, parent, or other close relative of the contractor or subcontractor; a partner or officer of the contractor or subcontractor; a corporation closely connected with the contractor or subcontractor as parent, subsidiary, or otherwise, and an officer or agent of such corporation.

(g) The term "Federal agency" means the United States, the District of Columbia, and all executive departments, independent establishments, administrative agencies, and instrumentalities of the United States and of the District of Columbia, including corporations, all or substantially all of the stock of which is beneficially owned by the United States, by the District of Columbia, or any of the foregoing departments, establishments, agencies, and intrumentalities.

### Sec. 3.3 Weekly statement with respect to payment of wages.

(a) As used in this section, the term "employee" shall not apply to persons in classifications higher than that of laborer or mechanic and those who are the immediate supervisors of such employees.

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(b) Each contractor or subcontractor engaged in the construction, prosecution, completion, or repair of any public building or public work, or building or work financed in whole or in part by loans or grants from the United States, shall furnish each week a statement with respect to the wages paid each of its employees engaged on work covered by these regulations during the preceding weekly payroll period. The statement shall be executed by the contractor or subcontractor or by an authorized officer or employee of the contractor or subcontractor who supervises the payment of wages, and shall be in the following form:

#### WEEKLY STATEMENT OF COMPLIANCE

Date		
I,		do hereby state:
(Name of signatory pa	ty) (Title)	1946 Sec 193
	vise the payment of the persons employed by	on
		ontractor or subcontractor)
the	; that during the payroll period commencia	
(Building or work		
	y of, 19 _, all persons employed on sai	d Project have been paid the full
	rebates have been or will be made either directly or ind	
	× 84 _ 81	
	from the full weekly wages earned by an	y person and that no deductions have
(Contractor or subcontr	ctor)	
been made either directly or i	directly from the full wages earned by any person, oth	her than permissible deductions as de-
	9 CFR Subtitle A), issued by the Secretary of Labor u	
•	2 Stat. 967; 76 Stat. 357; 40 U.S.C. 276c), and describ	-
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(2) That any payrolls otherwise under this Contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the Contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

In addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in Section 4(c) below.

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### (b) WHERE FRINGE BENEFITS ARE PAID IN CASH

Each laborer or mechanic listed in the above referenced payroll has been paid as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the Contract, except as noted in section 4/c below.

# (c) EXCEPTIONS

EXCEI	TION (CRAFT)	EXPLANATION
		•
REMARKS		
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NAME AND TITLE		SIGNATURE
		ITATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR T
CIVIL OR CRIMINAL PROSE	CUTION. SEE SECTION 1001	OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES

Section 1001 of Title 18 of the United States Code (Criminal Code and Criminal Procedure) shall apply to such statement as provided at 72 Stat. 967 (18 U.S.C. 1001, among other things, provides that whoever knowingly and willfully makes or uses a document or fraudulent statement of entry, in any matter within the jurisdiction of any department or agency of the United States, shall be fined not more than \$10,000 or imprisoned not more than five years, or both).

(c) The requirements of this section shall not apply to any contract of \$2,000 or less.

(d) Upon a written finding by the head of a Federal agency, the Secretary of Labor may provide reasonable limitations, variations, tolerances, and exemptions from the requirements of this section subject to such conditions as the Secretary of Labor may specify.

Sec. 3.4 Submission of weekly statements and the preservation and inspection of weekly payroll records.

(a) Each weekly statement required under Sec. 3.3 shall be delivered by the contractor or subcontractor, within seven days after the regular payment date of the payroll period, to a representative of a Federal or State agency in charge at the site of the building or work, or, if there is no representative of a Federal or State agency at the site of the building or work, the statement shall be mailed by the contractor or subcontractor, within such time, to a Federal or State agency contracting for or financing the building or work. After such examination and check as may be made, such statement, or a copy thereof, shall be kept available, or shall be transmitted together with a report of any violation, in accordance with applicable procedures prescribed by the United States Department of Labor.

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(b) Each contractor or subcontractor shall preserve his weekly payroll records for a period of three years from date of completion of the contract. The payroll records shall set out accurately and completely the name and address of each laborer and mechanic, his correct classification, rate of pay, daily and weekly number of hours worked, deductions made, and actual wages paid. Such payroll records shall be made available at all times for inspection by the contracting officer or his authorized representative, and by authorized representatives of the Department of Labor.

Sec. 3.5 Payroll deductions permissible without application to or approval of the Secretary of Labor.

Deductions made under the circumstances or in the situations described in the paragraphs of this section may be made without application to and approval of the Secretary of Labor:

(a) Any deduction made in compliance with the requirements of Federal, State, or local law, such as Federal or State withholding income taxes and Federal social security taxes.

(b) Any deduction of sums previously paid to the employee as a bona fide prepayment of wages when such prepayment is made without discount or interest. A "bona fide prepayment of wages" is considered to have been made only when cash or its equivalent has been advanced to the person employed in such manner as to give him complete freedom of disposition of the advanced funds.

(c) Any deduction of amounts required by court process to be paid to another, unless, the deduction is in favor of the contractor, subcontractor, or any affiliated person, or when collusion or collaboration exists.

(d) Any deduction constituting a contribution on behalf of the person employed to funds established by the employer or representatives of employees, or both, for the purpose of providing either from principal or income, or both, medical or hospital care, pensions or annuities or retirement, death benefits, compensation for injuries, illness, accidents, sickness, or disability, or for insurance to provide any of the foregoing, of unemployment benefits, vacation pay, savings accounts, or similar payments for the benefit of employees, their families and dependents: *Provided, however*, That the following standards are met: (1) The deduction is not otherwise prohibited by law; (2) it is either: (i) Voluntarily consented to by the employee in writing and in advance of the period in which the work is to be done and such consent is not a condition either for the obtaining of or for the continuation of employment, or (ii) provided for in a bona fide collective bargaining agreement between the contractor or subcontractor or subcontractor or any affiliated person in the form of commission, dividend, or otherwise; and (4) the deductions shall serve the convenience and interest of the employee.

(e) Any deduction contributing toward the purchase of United States Defense Stamps and Bonds when voluntarily authorized by the employee.

(f) Any deduction requested by the employee to enable him to repay loans to or to purchase shares in credit unions organized and operated in accordance with Federal and State credit union statutes.

(g) Any deduction voluntarily authorized by the employee for the making of contributions to governmental or quasi-governmental agencies, such as the American Red Cross.

(h) Any deduction voluntarily authorized by the employee for the making of contributions to Community Chests, United Givers Funds, and similar charitable organizations.

(i) Any deductions to pay regular union initiation fees and membership dues, not including fines or special assessments: *Provided, however,* That a collective bargaining agreement between the contractor or subcontractor and representatives of its employees provides for such deductions and the deductions are not otherwise prohibited by law.

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(j) Any deduction not more than for the "reasonable cost" of board, lodging, or other facilities meeting the requirements of section 3(m) of the Fair Labor Standards Act of 1938, as amended, and Part 531 of this title. When such a deduction is made the additional records required under Sec. 516.25(a) of this title shall be kept.

Sec. 3.6 Payroll deductions permissible with the approval of the Secretary of Labor.

Any contractor or subcontractor may apply to the Secretary of Labor for permission to make any deduction not permitted under Sec. 3.5. The Secretary may grant permission whenever he finds that:

(a) The contractor, subcontractor, or any affiliated person does not make a profit or benefit directly or indirectly from the deduction either in the form of a commission, dividend, or otherwise;

(b) The deduction is not otherwise prohibited by law;

(c) The deduction is either (1) voluntarily consented to by the employee in writing and in advance of the period in which the work is to be done and such consent is not a condition either for the obtaining of employment or its continuance; or (2) provided for in a bona fide collective bargaining agreement between the contractor or subcontractor and representatives of its employees; and

(d) The deduction serves the convenience and interest of the employee.

### Sec 3.7 Applications for the approval of the Secretary of Labor.

Any application for the making of payroll deductions under Sec. 3.6 shall comply with the requirements prescribed in the following paragraphs of this section:

(a) The application shall be in writing and shall be addressed to the Secretary of Labor.

(b) The application shall identify the contract or contracts under which the work in question is to be performed. Permission will be given for deductions only on specific, identified contracts, except upon a showing of exceptional circumstances.

(c) The application shall state affirmatively that there is compliance with the standards set forth in the provisions of Sec. 3.6. The affirmation shall be accompanied by a full statement of the facts indicating such compliance.

(d) The application shall include a description of the proposed deduction, the purpose to be served thereby, and the classes of laborers or mechanics from whose wages the proposed deduction would be made.

(e) The application shall state the name and business of any third person to whom any funds obtained from the proposed deductions are to be transmitted and the affiliation of such person, if any, with the applicant.

Sec. 3.8 Action by the Secretary of Labor upon applications.

The Secretary of Labor shall decide whether or not the requested deduction is permissible under provisions of Sec. 3.6; and shall notify the applicant in writing of his decision.

### Sec. 3.9 Prohibited payroll deductions.

Deductions not elsewhere provided for by this part and which are not found to be permissible under Sec. 3.6 are prohibited.

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#### Sec. 3.10 Methods of payment of wages.

The payment of wages shall be by cash, negotiable instruments payable on demand, or the additional forms of compensation for which deductions are permissible under this part. No other methods of payment shall be recognized on work subject to the Copeland Act.

#### Sec. 3.11 Regulations part of contract.

All contracts made with respect to the construction, prosecution, completion, or repair of any public building or public work or building or work financed in whole or in part by loans or grants from the United States covered by the regulations in this part shall expressly bind the contractor or subcontractor to comply with such of the regulations in this part as may be applicable. In this regard, see Sec. 5.5(a) of this subtitle.

W. Willard Wirtz,

Secretary of Labor.

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Draftsman (3)	4.76			
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nspector	5.40			
	5.57			
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Chief of Party	5.07			

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HUD-52099 U. S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT (Formerly PHA+2099) Movery 1958 LOW-RENT PUBLIC HOUSING **TECHNICAL SALARY DETERMINATIONS** Date June 1, 1971 State of Crecon (Guy) (State) (Nome of Local Authority) (Project Number) (Type of Contract or Nature of Rock) The following minimum salary rates applicable to the above work have been determined pursuant to Section 16(2) of the United States Housing Act as amended. m ್ರ Deputy Area Director LABOR REL NS SPECIAL ST Kostorick Rection & Almint of Mark Tax You You and Mar Strate & X MINIMUM SALARY RATES **CLASSIFICATIONS** REMARKS PER PER PER ANNUM HOUR MONTH Designer (Planner) Architect (3) 6.99 XXXXXXXXXXX Architect (2) 5,42 XBXXXXXXXXXX Architect (1) 4.28 XXXXXXXXXXXX Landscape Architect Draftsman (3) Draftsman (2) Draftsman (1) Inspector Chief of Party Instrumentman Rodman-Chairman

#### SUPERSEDERS DECISIONS

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State: Oregon: Counties: Statewide. Decision No. AM-6,503: Date of decision: Feb. 18, 1972. Supresente Decision No. AM-6,703: dated Aug. 27, 1974. in 30 F. R. 17217. Description of work: Building construction excluding single-family homes and garden-type apartments up to and fachiding 4 stories), heavy and highway construction, and drodeling.

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Piledrivermen, bridge, dock and wharf builders.	6.45	.40	.35	.30	.03	
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SUPERSEDENS DECISIONS-Continued

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	Bourly -	<u>э</u> г & w	Pensions	Vacation	App. Tr.	Other
t metal workers; (anti- the function Columbia Creak Doublet - Gilliam Grant Horace Head black			•			
Benton, Et. Kamas, Clatsop, Calumbla, Crook, Deschuts, Gilliam, Grant, Harney, Hood Ritser, Jedenson, Euroan, Erro, Marson, Morrow, Muitnomali, Polk, Sherman, Tillamook, Wasco, Kondon and Makasard N. Milar Computer				.24		
Washington, wheeler, and Yamind Counties.	6.05	.29	.21 .20	. 40		
Baker, Uzuatida, Ution, nud Wallowa Countles	6,60 6,69	.22	.30			
ackson, stot Josephine. Dour layers	6.03 6.15		.30 .30	b	.65	********
dklor h10 r8	7.95	, 20	.30		.03	<u>.</u>
Selfers 2.5: (cru276 workers) Patsop, Cruckaness, Columbia, Gilliam, Harney, Hood River, N H of Lincoln, Marlon, Morrow, Multionath, Polk, Sherman, Wasco (north of the city of Maupin), Washington, Tiilamook, and Yanthil Cruaties, Jaker, North J of Malleur, Union, and Wallowa Counters. Senton, Coss, Crook, Curry, Deschutes, Dourlas, Grant, Jackson, Jefferson, Josephine, Klamath, Lake, Lone, South J of Lincoln, Linn, South J: of Malheur, Wasco checking the city of Mannar and south thereoff, and Wheeler Counters.		1	s •3	4		
Yambill Conaties	6. 55 6. 91	.15	.24			
enton, Coss, Crook, Curry, Deschutes, Douglas, Grant, Jackson, Jefferson, Jorephine, Klamath,						
	0.00	.25				
etters' holp rs. rs, theoret: Receive rate prescribed for craft performing operation to which welding is incidental hold bys: A.—New Year's Day: R—Memorial Day; C—Independence Day; D—Labor Day;	5,74	.29.	***********			
I hanksgiving Day; I Carisinas Day.						
notes: , Employer credits 4% basic hourly rate of employee with over 5 years' service, 2% basic hourly						
rote from 6 months to 5 years' strvice to Vacation Plan. Six Paid Holidays: A through F. . 4% of all press wages to be placed to the credit of employees with less than 1 year of service, 6% to					S	
employees with more than a year of service. rers:			5 <b>5</b>			20
roup I:					1	
Asphalt plant laborers; asphalt spreaders; batch wei; hman; broomers; brush burners and cut- ters; car and truck loaders; carporter tender; choice-house man or dry shack men; choker						
setters; clean up laborers; concrete laborers; crustler ledders; cluivert, hand labor; curing, con- crete; demolition, wrecking, and moving laborers; driller helpers; dumpers, road oiling crew;		117				5
dumpmen (for grading crew); elevator feeders; fence builder (including guard rail, median rail, reference post, guide post, right-of-way markers; fine graders; form surppers (not swing-						
ing stages); general laborers; landscaping or plantice laborers; leverman on accregate spreader (Flaberty and similar types); loading spotters; material yard man (heluding electrical);			122	1		
Pittsburgh chipper operator or similar types; powderman helper; rairoad track laborers; rib- bon setters (including steel forms); rip rap man thand placed); road pump tender; sewer labor;			88 			
skipmen; sienalman; slopers; spraymen; stake chaser-stake setter-prode checker; steck- piler; timber faller and bucker (hand labor); teolroom man (at job site) tunnel bull gang					÷.	
(above ground); weigh man-crusher aggregate (when used)	\$, 25	_40	.45	\$0. 20	.0	)2
Applicator (including pot tender for some), applying protective material by hand or notice on					5.6	
billity lines or storace tanks on project; baritars; choker splicer; Clary power spreader and similar types; clean-up tozzienam; greeneutter (concrete rock, etc.); concrete power buzzy- man; denolition and wreeking charred materials; Gunite nozzienam tender; Gunite of saud					a	
<ul> <li>blesting bot tender; handlers or mixers of all materials of an irritating nature including coment</li> </ul>		23			(25)	
and lime); manhole builder; powertool operator includes but not limited to: chipping guns, lackhammer, paving breakers, post hole diccer, air, gas, or electric, tampers, vibrating			20			24
Jackhammer, paving Lreakers, post hole digger, air, gas, or cleanie, tampers, vierating screed, vibrators (less turn 4' in momencer); ribbon setter, headi (ip rap man (head), hand placed; sand blasting (we (i) sewer timber men; timber buckers and failers, brush cutters (power					*	1
saw); tunnel-muckers, brakemen, concrete crew, buil gang (underground)	8, 40	.40	45	- 20	.02	
Asphalt rakers; bid grinder; concrete saw operator; drill doctor; drill operator, air tracks, cat drills wagon drills, rubber-mounted drills, and other similar types; Gunite nozzleman; high		12				
scalers, strippers and drillers (covers work in switching stares, chairs or bolts, under extreme						
conditions mansual to normal drilling, Liasting, i trang-down, or sloping and stripping); powdermen; power saw overators (on \$1 class indef aling metchanial a is se; pumpercle nor-						
rlemen; sand blasting (dryr; so wer pipe layers) tele k liners, anchor machines, ballast regula- tors, multiple tampers, power picks; turger operator; tunnel-chuck tenders, nippers, and					63	
timbermen; vibrators (4' and larger); water biaster	5, 55	.40	.45	.20	.02	
Tunnel miners; tunnel powderman	8.70	. 40	.45	. 20	.02	••••••
roup 1: Assistant conveyor; oiler, including plant and crusher; crusher feederman; deckhand; self-						•
propelled sectoding; paird rail punch oter; parao under 4" brakeman; switchnum; parts man (reol room).	6, 10	. 40	. 80	. 20		
roup 11: Binde, pulled type: truck crone oiler-driver. 25-ton capacity or over: fireman, all equipment;						
A frama truck signile drum; there of rothin fyre heist, any power; drill helper; aller oler;			. *.	. •	17	
brothnant forklift of luminer stocker; temporary hoating plantic made offer, required to check grade; grade checker; tar pot fareman; tar pot fareman (power actuated); H.D. repairman		10	. 50	20		
helper, welder s helper, hienischiedeog ter faulo-han (ground), rober, rock	6.24	-40		- 20		
Plant fireman; purially (i.u. k mounted asphalt spicader, with second; compressor, any power, under 1.69 cu, fr. (end discontry mixer box contracts plant; consists conveyor; consist her;						
concrete saw, self-property lution ware must much me or booming machine; concrete curing mechine, self-properties tent for ket elevator buder. Burter Greene and similar type; hydrauhe		20				
pipe press, pump any power, 4" and over, hydrostatic pump; motorman; ballist jawa tamper; beil bey, phones, etc.; tamping machine, mechanical sof-propelled; hydrographio		20	÷.			
seeder machine, straw, pump or seed; broom operator, self-propelled; air filtration equip-	6. 34	. 40	. 50	.20		
roup IV: Served: compactor, including vibratory: compressor, over 1,000 cu. ft. total capacity: concrete		1000	10.00	8 - 18 I		2
mixer, sincle dram, under 5-bag capacity; concrete cooling machine; combination mixer and			190 (13			
compressor, guilte work: helicopter heist; forklift, over 5 tons: Lufi Hi-Lut or similar type, 20 ft, et ever; service eiler wreaser); Hyd.a Hammer or similar types; pavement breaker;	8	-				
pump, more than 3, any rize, locomotive, under 40 tons; roller, other, CTB	6.50	. 40	. 50	.20		
Curb machine, mechanical borm, curb and or curb and entter; Wacher Photor or similar type (without blode); baten plant material control: power jumbo, setting slip forms, etc. in trainels:			•			
slip form pumps, power adven hydrautic inling device for concrete terns; borst, single drawn clevator, daele, gas, engineer; chip site adiag machine; lime spicetaar; swieper (Wayne (ype)						
self-properled: tractor, rubi-er-tired 50 hp. hywricer and under, trenching machine, maximum	6, 62	.40	.50	-20		
dicking capacity 3 ft. depth	9.02					
Asphalt plant: asphalt paver: Macinnis, internal full slab vibrator; concrete finishing machine, Clary, Jojmson, Bidwell, Burress, brid, e deck er similar type; curb machine, mechanical					2	
berna, curb and or curb and cutter; concrete joint machine; concrete planet; cast in place pipe laving machine; concrete playing machine; concrete sprender; loaders, rubber-tired type,		100		· · ·	••• • 2010-10-10	
2) ; cu. yd. and under, rock spreader, self-propelled	6.60	.40	.80	.20		

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#### SUPERSEDEAR DECISIONS-Continued

Classification	Basic bourly -		Printe	benefits pay	menta	
C 18697011 (1178)	Inte	HAW	Pensions	Vecation	App. Tr.	Other
er equipment operatorsContinued			-			
Proup VII: Roller, nephalt; concrete mixer, sincle down, 5-bar capacity and over; belterete; pumperete;				*		
coment pump, Fuiler-Keyyön and singlar; crogsing machine; concrete pump; tower mobile;						
A frame truck, double dounts) becautings of the drall and cards borned machine, by drauite backhow, where type 1, eq. yd, and under with or without front end attachments 25 year, yd,			12			
backhoe, wheel type 1, cu, yd, and under without without front end uttachments 2% cu, yd, and under (Ford, John Deere, Case type): cleating grader, tracter and towed requiring						
operator or grader; pot rashmer; ballast resulator; ballast Langer multi-purpose; track iner; tis spacer; shuttle car; locomotive, 40 tons at d over	6, 66	. 40	. 50	. 20		
roup V111: Die el-el-etric engineer, plant of floating; batch plant and 'or wet mix, 1 and 2 druns; generator;						
desel-electric engineer; weit londors, Koiman and Ko Cal types	6, 76	. 40	. 60	- 20		
roup IX: Buildozer: drill cat: side-boom cat; compactor, with blode: Chicaco boom and similar types;			- 692			
lift slab machine; boom type lifting device, 5 tens capacity or less the try picker or similar type crane-hoist 5-ton capacity or less; grazley; cru-lier plant; boring in white; surface heater and			11. <sup>1</sup>			
planer; hydraube blekniet truck type jý cu, yd. lasder, front end and overhead 21ý cu, yd.		37				
and ander s cu, yd.; pape deaning machine; pipe daping machine; pipe bending machine; pipe wrapping muchine; jest threading machine; drill doutor; including bit grinder; H.D.						
mechanic; H.D. webler; machine tool operator; Stationary drag scraper; tractor rubber- tired over 50 hp. flywheel; tractor, rubber-tired with boom attachments; trenching machine			· ·		•	
maximum digging capacity over 3 ft. depth	6, 82	. 40	. 50	., 20		
Bulidozer, twin-engine (TC 12 and similar type); cable-plow; compactor, multi-engine; driller—			· ·			
perenssion, diamond, core, cable, rotary, and similar types; jack operator elevating barges; barge operator, self-unlegation combination 11, D. mechanic-welder; welder-certailed; rubber-				2		
tired dozers and pushers (Michigan, Cat, Hough type)	6, 88	. 40	. 50	.90		
roup X1: Miner mobile; crane, 25 tons and under; shovel, dragline, clamshell, boe, etc., under 1 cu. yd.;						
Gradul, under 1 cu. yd.; mucking machine	6,90	- 40	.80	.30		·····
Blade; batch plant and 'or wet mix, 3 units or more; hoist, 2-drum; hoist, 3 or more drums; elevat-		13500				
Ing loader, Athey and similar types; piledriver (not crane type); rubber-tired scraper, single engine, single scraper; scraper—self-loading, public wheel ladder type; rubber-tired scraper,			12 D			
twin engine; rubber-tired scraper, with push-pull attachments; blade mounted spreaders,	4.08	. 40	. 50	20		
<ul> <li>Ulrich and similar types; shield operator</li></ul>	6.95	. 40			•••••	
Blade, finish (working with either red or blue tops); blade, electronically controlled by wire or her beams; blade, public right; concrete p.ving and road miser; blidge crane, locomotive,						
gentry, overhead; derrick, under 100 tons; hout, stillig, guy derrick or similar type 50 tons					<b>1</b> 0	
and over; cableway, up to 25 tons; (rane, over 25 tons and including 40 tons; tower crane; pliedriver (not crane type); iloating clamshell, etc., under 3 cu. yd.; iloating crane (derrick					•	
barge), less than 30 tons, hydrautic backhoe, truck type over 3, cu. yds, elevating grader, operated by tractor, Sierra, Euclid, or similar types; back-filling machine; shovel, etc., 1 cu.			14.1	<b>*</b> 1)	11121	
yd. but less than 3 cu. yd.; Gradall, 1 cu. yd. and over; back filling machine	7.04	. 40	. 50	. 20		
oup XIV: Rubber-tired scraper with tandem seraper	7, 20	. 40	. 80	.20		
oup XV: Rock hound; leader, 4 cu. yd. but less than 6 cu. yd.	7.88	. 40	. 60			
oup XVI:	1.90			,20		
Auto grader (i.e. CMD) or triamer; tandem buildozer, quad-nine and similar type; automatic concrete slip form paver; concrete canal liner; cobleway, 25 tons and over; crane, over 40 tons						
and including 100 tons; which y, S0 tons and under; floating clamshell, etc., 3 cu. yd, and over;			x			
fionting crans (derrick barge), 30 tons but less than 50 tons; loader, 6 cu. yd., but less than 8 cu. yd., loader 8 cu. yd., but less than 12 cu. yd.; rubber-tired scraper, with tandem scrapers,			8	1		
multi-engine; shovel, etc. 3 cu. yd. but less than 5 cu. yd.; whice excavator, under 750 cu. yd. per hour.	7, 54	. 40	. 50	. 20		
oup XVII: Grane, over 100 tens and including 200 tens; whirley over \$0 tens and including 150 tens; fleating			0.1	1000		
crane (derrick barge), so tons but less than 159 tons; loader, 12 cu. yd. and over; shovel, etc.,						
5 cu. yd. and over, canal trinutaer	7.68	10	. 50	. 20	••••••	•••••
Crane, over 200 tons; whirley, 150 tons and over; Scatting crane 150 tons but less than 250 tons;						
wheel exesting over 750 cu. yd. per hour; band wagans, in conjunction with wheel exesting - oup NIX:	7.88	.40	. 60	. 20		
Helicopter; when used in erecting work; floating crane 250 tons and over; remote controlled earth maying equipment (no one operator sits) operate more than two pieces of moving	<u>.</u>			•		
equipment at one time); underwater equipment, remote or otherwise	8, 09	. 40	. 50	. 20		
dilvers: ttery rebuilder; bug or mon-head driver; concrete buccles (power operated); dump trucks, side,			88			
nd and bottoni dumps, and care, semi-tracks and trains or combinations thereof. 6 cu. yd. and mder; lift jitheys, fork lifts thi 7.768 hard in lodding, unloading and transporting material on job	2					
ite); leader and for levertoon on concrete dry batch plant (manually operated); plat car, solo that						
ed and rais elimenus body trucks, 0-10 tens; truck beiper; truck mechanic helper; warchouseman warehouse peris, tool men and parts chaser, checker and receivers); water wagons (rated capa-			·*	1		
lty), up to 1,000 [cd]. " frame or hydracht truck weberal bearing surface; Jubrication man, feel truck driver, tireman,	8. 93	. 35	. 40	.15 .		
" frame or legitra-laft truck whered begrade surface; jubrication man, pier truck driver, threman,	5.98	. 35	. 40	.15		
mp tracks, sole, end and tog tan durate, including a mistrucks and trains or combination there- ft over 6 cu, yd, including lucu, yd, slurry truck ariver or leverman; transit mix and dry or wer			- C.			
rucks: 5 cu. yd. and under; tucumu (fuli-ture basis); water Wagons (rated capacity): 1,630 to 3,600						
al	6. 03	. 35	, €0	. 10 .	•••••••	
r doubles transporting equipment or wet or dry materials; lumber cartier driver-straidle car-					127	
er (used in locating, unloadoned and transporting of materials on job site); oil distributor driver r (exermine) water wagons (rated capacity): 3,650 to 5,650 gal	6. 03	. 35	. 40	<b>.</b> 15 .		
mpster or similar equipment, all sizes; transit mix and wet or dry mix trucks; over 5 cu. yd. nd including 7 cu. yd	6, 13	. 35	<sup>10</sup> . 40	- 16		
mp trucks, sole end, and bottom dumps, including semi-trucks and trains or combinations			•			
hereof: over 10 cu, yd. and finluding 20 cu, yd.; transit mit and dry or wet mit trucks: over cu, yd. and finluding 9 cu, yd.; truck mechanic—welder—body repairman; water wagons				84		
rated capacity); 5,660 to 7,000 real, implementation and tracks and trains or combination	6, 23	. 36	.40	, 16		
hereof: over 20 cu, yd, and is, hiding 50 cu, yd, tran-it mix and wet or dry mix trucks; over	0 00	1				
cu, yd. and including 11 cu, yd.; water wagous (rated capacity); over 7,0-0 val. to 10,004 yd mp trucks, side, end, and bottom dumps, including semi-trucks and trains or combination	6, 33	, 35	°.40	, 15		
hereof: over 39 cm, yd. and including 40 cu, yd.; transit mix and wet or dry mix trucks: over	e /3	35	40		•••••	
I cu, yd, and including 13 cu, yd.; who'r wazons (rated capacity): over 10.09 gal, to 15,00 gal, and trains or combination in trucks, side, end, and lightern dumps, including semi-trucks and trains or combination	6, 43	. 35	.40	. 16 .	•••••	
hereof: over 40 cu, yd, and meluding 50 cu, yd.; transit mix and wet or dry hux trucks: over	6, 63	. 35	. 40	15		
3 cu, yd, and including 15 cu, yd, mp trucks, side, end, and bottom dumps, including semi-trucks and trains or combination						
hereof: over 60 en, yd, and herbelog 60 en, yd, and trucks and trains or combination mp trucks, side, end, and bettom dumps, including semi-trucks and trains or combination	6.70	. 35	. 40			
hereol: over & cu. yd. and including JU cu. yd	6, 60	. 35	.40	. 15 .		
active, over over ya, and including to ea, ya						

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# 3696

#### NOTICES

SUPERSEDERS DECISIONS - Continued

Classification						
	rat s	H&W	P nsions	Vacation	App. Tr.	Other
nek drivers- Continued		12				
Dump trucks, sele, end, and bottom dumps, including semi-trucks and trains or combination	-	-				
thereof, over forch, yel, and main high stren, yel. Dump trucks, side, end, and bottom dump, meliading semi-trucks and trains or combination.	6, 90	. 35	. 40	. 15		*******
thereor over seein yd, and in did ng 90 cu, yd. Durup tra ke, ede, end, and is then durup negative semi-tracks and froms or combination	7, 00	. 35	. 40	. 15		
thereof, even ston, yd. and horal long listen, yd	7, 10	. 35	. 40	. 15		
Drivers and helpers chanding we well coment add 1915 per hour). Winch truek – takes classification of truek on which winch is mounted.						
reaction of the second s				* S		
Dipper levent, m' (a) \$ yards and under	7.59	- 40	, 50	. 20		
(b) Over 5 yards Leverman, hyd-rafie	8.14 7.20	- 40		. 20		
Assistant encloser delectric generator operator for primary pump; power harge or dredge)	6, 88	. 40	, 50	. 26		
Assistant era incer (electric, diesel, steam or booster pump); mates and boatmen. Engineer welder) craneman	6, 75 6, 83	. 40	. 50	. 20		
Fireman; other	6,44	. 40	. 50	. 20		
Asistant in ite (deckhand) ne Construction - Orizon e (1):	6, 34	. 40	. 50	, 20	••••••••	
Cable spacers, beadman pole sprayer. Lineman: pole sprayer; beavy line equipment man; certified lineman welder	\$. 02 7. 24	.15	16			{
Tree trippoet	6. 51	. 15	15			1
Line equipment man Head groundman (chipper); head groundman; powderman; jackhammer man. Groundman: tree timmer helper	6, 24 5, 46	. 15 . 15	1%	•••••		1
Groundman: tree trimmer helper	5.15	. 15				į
Hole digger	4, 93	. 15	1%		•••••	;
ite: Wisconsin County: Milwaukee		10				
eision No. AM-858; Date of decision: Feb. 18, 1972, persedes Decision No. AM-430 dated Aug. 18, 1971, in 36 F. R. 15991.						
Description of work: Building, heavy and highway construction, including residential construction and diedging.						
bestos workies (lerneakers	\$7.68 7.80	\$0,35 ,30	\$0.50	\$0, 50	*0.02	
fefmakers' helpers	7. 625	. 30	. 65		. 02	
icklayers: Bricklayers	7, 59	. 50	. 50			
rienters	7.11	. 40	, 50	. 50		
Millwrights Piledrivernen	7.41 7.34	.40	. 50	. 50+a		
Leadermon	7, 74	. 40	, 50	, 50		
Weider-burner,	7, 34 7, 44	.40	. 50 . 50	50		
nient masons	6, 85	, 40	. 50	. 50	. 25, e. \$0, 005	
etricians	7, 76	.37	1%+0.20	25 tatb	\$0,005	
velor constructos' helpers	707, JR	. 17	. 185	2%+a&b 2%+a&b	. 0.0	
evator constructos' helpers (prob) atiers	80% JR \$5,10	. 35	. 40	\$0.50		
oworkers, structural and ornamental	7.71	. 40	. 50	. 50		
nworkers, winforcing	7,71 6,72	. 40 . 40	- 50 - 50	. 65	. 03	
adburners	6, 35	. 25		c	.01 .	
ie construction:	6, 15	. 15	10%+.10 1%+.10	100	0. 5%.	
Equipment operator class A	4.95 4.70	. 15	10+.10		-5.6	
Groundmen experienced.	4.43	. 15	1%+.10	150	. 5%	
rble setters rble setters i hapers	6, 97 6, 07	. 50 . 30	\$0, 50 . 50	\$0, 55		
inters:						
Prush	6.66 6.81	.40	. 25		••••••	
Structured stored	7.01	.40	. 25	. 50		
Spray and satefolasting Swing state, so ft, and over	7,01 6,91	. 40	.25	. 50		
iste) 075	6.72	.40	. 50	. 65	\$0.01	
mabers and pa-fitters	7.57	.40	. 60	.50	.03	
Mastie work:	7.12	, 40	50	÷ 60		
Spreaders Rubbers and Kettlemen	6, 92	40	, 50	. 50		
Additional help	6, 67	. 40	, 50	. 80		•••••
Tower work: Without swings	7.07 7.31	. 40	. 50	. 50		
With swing seat or bosin chair State, tile and transite work:	7. 37	. 40	, 50	. 50	••••••	
Roofus	7.07	. 40	. 50	. 50		
Steepy and soling work: Composition, damp and waterproof roofers	6, 92	. 40	. 50	. 50		
ret inetal workers	6, 5G	. 20	. 25	. 50		
h floor layets rinkler htters	6.91 8.35	. 40	50 10		. 03 .	
am fitters	7.63	25 35	. 50	. 50	.02	
ne masons marzo workers	7.50 6.22	- 50	. 50 . 30	. 55	• • • • • • • • • • • • • • • •	
rrazo workers' helpers	5,40	50 30 30 30	. 30 - 25 - 25	d		
atazzo basa monimie operator	8. GJ 6. 85	- 30 - 30 - 30	.25			
e setters						

Praid holidays:
A -- New Year's Day: B -- Memorial Day; C--Independence Day; D--Labor Day; E -- Thanksplving Day; F -- Christmas Day;
F -- Christmas Day.
F connotes:

a. Holidays: A through F.
b. Employer contributes 47; of regular hourly rate to vacation pay credit for employee who has worked in busises more than 5 years. Employer contributes 27; of regular hourly rate to vacation pay credit for employee who has worked in busises more than 5 years. Employer contributes 27; of regular hourly rate to vacation pay credit to employee who has worked in busises more than 5 years.
c. Holidays: A through F plus Washington's Bitthd ay and Good Friday, providing employee has worked is full days during the 120 calend at days prior to the holiday, and the regularly scheduled work days inconcilately providing and following the boliday.

d. Additional payment of 4 hours per month pits 50.05 per hour weekly for employee who has worked has been been worked by the start of the pay of the pay.

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Monifications-Continued

Classification	Dasle bourly -			ringe benefits payments ons Vacation App. Tr. Other			
	rutes	H & W	Pensions	Vacation	App. Tr.	Other	
WD No. AM-178155 F.R. 14960, Onondaga County, N.Y., Mudification No. 8							
IANGE: Bulidhur construction:				•	80)		
Lead burners. Littensen:	6, 93	. 30		c	\$0.01	•••••	
Luessen, cable splicer helper and ninterlat man	8.69	. 35	177 +. 25	d	116%		
Groundhaan Groundman digeing machine operator	7.50 8,45	.35	1%.+.25 1%.+.25	d d	11476		
Groundman mobile equipment operator	8,00	. 35	1724.25	đ	1155		
Groundman (ruckdriver and mechanic, Groundman dynamite man	7, 65 8, 00	- 35	15,4.25	d	145%		
Cable splice	9.35	. 35	17: +. 25	đ			
Palaters: Brush Structural stock	7.45 7.45	. 30 . 30	\$0, 35				
Stray, Stray, Stray, Stray, Stray, Stray, Cood Friday, and Christmas Eve pro-	7. 16	.30	.35				
filling employee has worked 45 full days during the 130 clored at days prior to the holiday and the gular scheduled worked 45 full days during the 130 clored at days prior to the holiday and the							
WD No. AM 1733-36 F.R. 14275, Renatelact County, N.Y., Modification No. 4 ,		•					
ANGE: Building construction:							
Ironworkers, structural, ornamental and reinforcing	7,40	.34	.85	d	\$0.02		
Lead burners. Linemen:			107 1 07				
* Linemen, cable splicer helper and material man Groundman	8.69 7.50	. 35 . 35	$1^{\circ}_{0}$ + 25 $1^{\circ}_{0}$ + 25 $1^{\circ}_{0}$ + 25 $1^{\circ}_{0}$ + 25		14%		
Groundman d'exing machine operator Groundman monde equipment operator	8.45	. 35	15 +. 25		14%		
Groundman truckdriver and mechanic	7,65	. 35	124+.25		1,4%		
Groublands Gynamite man	8.00 9.35	.35	1%+.25 1%+.25	6	114%		
Cable spliter stude: d. Helidays: A through F: Washington's Birthday, Good Friday, and Christmas Eve pro-			-76 ( 1 - 10				
iding employee has worked 47 full days during the 120 calendar days prior to the holiday and the gular scheduled workdays immediately preceding and following the holiday.							
WD No. AM-1734-35 F.R. 14976, Scheneclady County, N.Y., Modification No. 4						2	
ANGE: *					3	*	
Ironworkers, structural, ornamental, and reinforcing	7.40	. 34	\$0.85	ď	\$0.02		
Lead burners	6, 90	. 30		. e		••••••	
Lineman, cable splicer helpers and material man	8.60 9.33	.35	1% + .25 1% + .25 1% + .25 1% + .25 1% + .25	6	14%		
Groundman Groundman diceing machine operator	7.50 8.45	.35	160+.25		114%		
Groundman mobile equit ment operator	8.00	. 35	1.6 +.23	Ū.	14%		
Groundman truckdriver and mochanic Ground dynamite man	7.65 8.00	- 35 - 35	1%+.25	6	14%		
strote: d. Holidays: A torough F: Washington's Birthday, Good Friday, and Christmas Eve pro- iding employee has worked is full days during the 120 chiendar days prior to the holiday and the				$\sim$			
gular scheduled workdays immediately preceding and following the holiday.				•			
WD No. A -1729 59 F.R. 14985, Westchester County, N.Y., Modification No. 4					æ		
ANGE: Lead burnets	6.90	.30 .		. c	\$0.01		
dinote: c. Holidays: A U.Sough F. Washington's Birthday, Good Friday, and Christmas Eve pro- bling the employer has worked 45 foll days during the 120 calendar days prior to the holiday and				•	8		
e regular scheduled workdays immediately preceding and following the holiday.		4 C			80 a.		
WD No. AM-2.601-35 F.R. 10755, Oklahoma County, Okla., Modification No. 4						50 27	
ANGE: Glaziers	5. 82						
WD No. AM-8 002-30 F.R. 10758, Tulea County, Ohla., Modification No. 7						•	
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WD No. AM-6,7.3-57 F.R. Soft, Statewide Oregan, Modification No. 1	-			~~~~~			
ANGE: A shestos workets	7.85	. 35	. 60		.06		
Ashestos workers. Bricklayers, stoacher eis: Clerkomes, Clabop, Columbia: Oliam; Hood River; uorth holf of Liteoln: Mariou: Aultuomah: Morrow, Polk, Sterman; Tilanock; Wasco (notth of the city of		849 0	100108				
Magnia): Washington: Yambiil Counties	7.40	, 35	.35		. 02		
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Spray.	6. 80	. 30	, 20 .		.015		
High work over 100 ft. Figh towers, troug d to 100 ft.	7.05 6.70	30 30	. 20 .		.015		
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nonuch: Sherman; north-hall of Tillamock; Wasco: Wheeler; Washington; and north-half of Yamhill Counties.	7,05	. 50	. 56		. 07		
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No. 63-Pt. I----8

FEDERAL REGISTER, VOL. 37, NO. 63-FRIDAY, MARCH 31, 1972

# SECTION D

# INSTRUCTIONS TO BIDDERS

#### SECTION D

#### INSTRUCTIONS TO BIDDERS

#### 1. DEPOSIT

The deposit for the Plans and Specifications will be refunded only when the documents are returned in good condition before the bids are opened.

#### 2. PROPOSAL

#### 2. a. FORM OF PROPOSAL

Proposals and bid bond, certified check or cashier's check shall be enclosed in a sealed envelope and labeled and addressed as required in the Notice to Contractors and filed as required therein. The Plans and Specifications must be returned with the proposal.

All proposals must be clearly and distinctly typed or written with ink or indelible pencil without any erasures or changes, and any erasure or change may invalidate the proposal.

All proposals must be on the form furnished by the City, and in addition to the necessary unit price items and total prices in the column of totals to make a complete bid, all applicable blanks giving general information must be filled in and the bid signed by the Contractor or a duly authorized agent. Any statement accompanying and tending to qualify a bid may cause rejection of such bid, unless such statement is required in a proposal embracing alternative bids.

Unless otherwise specified, bidders shall bid on all bid items included in the proposal and the low bidder shall be determined as noted in "Basis of Award" Section D, Subsection 10.

#### 2. b. WITHDRAWAL OF PROPOSAL

A proposal may be withdrawn on written or telegraphic request of the bidder received prior to the scheduled closing time for filing bids. Negligence on the part of the bidder in preparing his proposal confers no right to withdraw his proposal after the scheduled closing time for filing bids.

#### 2. c. LATE PROPOSALS

Proposals received after the scheduled closing time for filing bids, as set forth in the Notice to Contractors, will be returned to the bidder unopened, unless such closing time is extended by the City or unless, if such bid was sent through the mail, a legible postmark cancellation shows

the time of mailing to be such that normal mail delivery time would have provided delivery to the City prior to the scheduled closing time for filing bids, and such proposal is received before the award has been made.

#### 2. d. ALTERATION OF DOCUMENTS

Except as may be provided otherwise herein, proposals which are incomplete, or fail to cover all items of the Plans or Specifications, may be rejected.

#### 2. e. MODIFICATION OF PROPOSAL

Change in a proposal already delivered will be permitted only if a request for the privilege of making such modification is made in writing signed by the bidder and the specific modification itself is stated and received prior to the scheduled closing time for filing bids. However, a modification which is received from an otherwise successful bidder and which makes the terms of the bid more favorable or advantageous to the City will be considered at any time it is received and may thereafter be accepted. To be effective every modification must be made in writing over the signature of the bidder.

#### 3. BID GUARANTY

Unless covered by an annual bid bond filed in the office of the City Auditor, all bids must be accompanied by a certified or cashier's check payable to the order of the City of Portland, or a bidder's bond for the single bid submitted, in amount of at least ten per cent (10%) of the amount of the proposal, to be forfeited as liquidated damages in case the bidder shall fail or neglect to furnish a performance bond and insurance, if required and to execute the contract within ten (10) days after receiving said contract from the City Auditor for exectuion.

The bid guaranties will be retained in accordance with the provisions of Section 5.44.030 (Retention of Bid Guaranty) of the Code of the City of Portland, Oregon, if the bid bond is submitted in lieu of certified check, such bond shall be on the form included with these specifications.

#### 4. ORGANIZATION

Bidder shall state whether he is doing business as an individual, a co-partnership or a corporation, and, if incorporated, in what state, and, if a co-partnership, shall give the names of all partners; the person signing on behalf of a corporation or a co-partnership shall state his position with the firm or corporation, and state whether the corporation is licensed to do business in the State of Oregon.

#### 5. EXAMINATION OF SITE AND CONDITIONS

Bidders must satisfy themselves regarding and determine for themselves

all the conditions and circumstances affecting the project or the cost of the proposed work by personal examination of the site, the Plans and Specifications and by such other means as they may choose. It is understood and agreed that information as to underground or other conditions or obstructions indicated in the Plans or Specifications has been obtained by the City from data at hand. There is no express or implied agreement that such conditions are fully or correctly shown and the Bidder must take into consideration the possibility that conditions affecting the cost or quantity of work may differ from those indicated.

#### 6. AMOUNT OF WORK TO BE DONE

The City reserves the right to increase or decrease the amount of any class or portion of the work.' No such change in the work shall be considered as a waiver of any condition of the contract nor shall such change invalidate any of the provisions thereof.

The estimate of quantities of work to be done under the Specifications in unit price bids is approximate and is given only as a basis of calculation for comparison of bids and award of contract. The City does not by implication agree that the actual amount of work will correspond precisely to the amount as shown or estimated. Payment will be made at unit prices under a contract, only for work actually performed or materials actually furnished according to actual measurement.

#### 7. BID PRICES TO COVER ENTIRE WORK

Bidders must include in their bid prices the entire cost of each item of the work set forth in the proposal, and it is understood and agreed that there is included in each lump sum or unit price bid the entire cost of materials and labor incidental or necessary to the completion of that portion of the work covered, unless such incidental work is expressly included in other lump sum or unit price bids in the proposal.

#### 8. ADDENDA TO PLANS OR SPECIFICATIONS

If it should appear to a Bidder that the work to be done or matters relative thereto are not sufficiently described or explained in the Specifications or that the Specifications are not definte and clear, the Bidder may make written inquiry regarding same to the Engineer at least five (5) days before the scheduled closing time for filing bids. Then if, in the opinion of the Engineer, additional information or interpretation is necessary such information will be supplied in the form of an addendum which will be delievered to all individuals, firms and corporations who have taken out Specifications and such addendum shall have the same bidning effect as though contained in the main body of the Specifications. Oral instructions or information concerning the Specifications or the project given out by City officers, employees or agents to prospective Bidders shall not bind the City.

Any addendum or addenda issued by the Engineer, which may include changes, corrections, additions, interpretations or information, and issued forty-eight (48) hours or more before the scheduled closing time for filing bids, shall be binding upon the bidder and his bid is conclusively presumed to have taken such addendum or addenda into account. City shall send copies of such addenda to all contractors who have obtained copies of the Plans and Specifications for the purpose of bidding thereon, but failure of Contractor to receive or obtain such addenda shall not excuse him from compliance therewith if he is awarded the contract.

#### 9. LIQUIDATED DAMAGES

Time shall be considered the essence of the contract. If the Contractor fails to complete the project or to deliver the supplies or perform the services within the time specified in this contract or any extension thereof by the City Council, the actual damage to the City for the delay will be substantial but will be difficult or impractical to determine, and, therefore, in lieu thereof the Contractor shall be charged and will pay to the City as fixed, agreed and liquidated damages for each and every calendar day of delay, the sum of \$100 or such other amount as may be set forth as liquidated damages in the Special Specifications. Extensions of time will be allowed only under the circumstances set forth in Section E, subsection 2 of the Specifications (General Conditions).

#### 10. BASIS OF AWARD

The award will be made by the City Council to the lowest responsible bidder. In determining the lowest responsible bidder, the City will take into account, among other factors, the prices bid, discounts, if any, the time of completion or delivery proposed, as between equal bids, the relative merits and performance of any item specifically proposed by Bidder, any variation in maintenance and guaranty period specially proposed by Bidder in excess of any minimums specified, the realistic balance of prices in the proposals for various parts or units of the work and the experience and ability of the Bidder to perform the work.

While price extensions are required as a matter of convenience, in the event of error in extensions, the unit prices bid shall govern. In the event of discrepancy between the written and numerical amounts, the written prices will govern.

Any determination of the lowest responsible bidder and award are subject to review and determination by the City Attorney as to legal sufficiency of any bid submitted.

When, in the opinion of the Engineer, the prices in any unit bid proposal are obviously unbalanced, such proposal may be rejected.

The City reserves the right to reject any or all bids, or waive irregularities not affecting substantial rights.

#### 11. LEGAL REQUIREMENTS

The Bidder's attention is called to the requirements of Oregon Revised Statutes, Chapter 279 and to the provisions of the Code of the City of Portland, Oregon, Ordinance No. 130672, and the Charter of the City of Portland, with reference to public contracts, public purchasing in general, and to Contractor's proposals.

#### 12. OREGON PRODUCTS

Contractor must use Oregon produced or manufactured materials with respect to common building materials such as cement, and sand, crushed rock, gravel, plaster, etc., in all cases where bid prices of such materials are no greater than those of similar materials produced or manufactured outside the State, in accordance with ORS 279.038.

When a project involves the use of non-metallic mineral construction material or materials except cement, sand, gravel. crushed rock and plaster, and if said materials are or can be produced in Oregon, the bidder shall submit alternate bids covering use of such Oregon materials and use of materials from outside the State, if bidder proposes to use such materials from outside the State, in accordance with ORS 279.040.

This section shall not apply where such preference constitutes an interference or conflict with federal statutes or regulations.

#### 13. PREQUALIFICATION OF BIDDERS

Attention of bidders is called to the requirements of Oregon Revised Statutes, Chapter 279, relating to prequalification of bidders on public contracts, and to Chapter 17.20 of the Code of the City of Portland, Oregon, (Ordinance No. 130672), relating to forms, statements and other prequalification matters. Bidders are warned to file any prequalification statements required at least ten (10) days prior to the scheduled closing time for filing bids. In the event a prequalification statement has been filed with the City within the current calendar year and a bidder has been accepted as a qualified bidder upon City projects, a review of the previous statement may be made to determine whether a prospective bidder is qualified to bid upon the work under consideration and additional

- 5 -

statements may be required. The City reserves the right to reject the proposal of any bidder who has not been prequalified for the class of work involved in the project.

#### 14. "OR APPROVED EQUAL" CLAUSE

In order to establish a basis of quality, certain processes, types of machinery and equipment or kinds of materials may be specified on the plans or herein, either by description of process or by designating a manufacturer by name and referring to his brand or product designation or by specifying a kind of material. It is not the intent of these specifications to exclude other processes, equipment or materials of equal value, utility or merit.

Whenever a process is designated or a manufacturer's name, brand or item designation is given or whenever a process or material covered by patent is designated or described, it shall be understood that the words "or approved equal" follow such name, designation or description, whether in fact they do so or not.

If the bidder proposes to furnish an item, process or material which he claims to be of equal value, utility or merit to the brand or manufacturer named, product or material designated, or process involved in the specifications, he shall, at least, 5 days prior to the date set for opening of proposals, submit to the Engineer a written statement describing or naming the item, material or process which he claims to be of equal value, utility or merit, together with samples, supporting data (including pertinent physical, mechanical, electrical, and chemical details), specifications, results of prior tests if available, a statement itemizing and explaining the differences between the item, material or process he proposes and the specifically named or described item, material or process called for by the specifications and other details sufficient to permit the Engineer to evaluate the same. The Engineer may require demonstration, additional tests, and additional data, either before or after bid opening, all to be supplied at the expense of the claimant. If the Engineer determines that the proposed item, material or process is of equal value, utility or merit to the City compared to that specified, a proposal including the substitute item, material or process shall be deemed responsive, and not otherwise, to the specifications in that respect. Failure to submit such statement and data prior to bid opening shall be deemed a waiver of any objection on such ground and failure to supply additional material required after such submission shall be deemed an admission for the purposes of the bid that the item, material or process proposed shall not be approved as equal to that specified. The decision of the Engineer on the proposed substitute shall be final and binding upon the bidder.

#### 15. PRE-CONSTRUCTION CONFERENCE RELATING TO AFFIRMATIVE ACTION PROGRAM FOR EQUAL EMPLOYMENT OPPORTUNITY:

Executive Order 11246, as amended, (Equal Employment Opportunity) requires that a prime contractor or sub-contractor who signs a contract on a federallyassisted construction project assumes the obligation to take whatever affirmative actions are necessary to assure equal employment opportunity in all aspects of employment, irrespective of race, color, religion, sex or national origin.

All construction contractors and sub-contractors covered by the Executive Order 11246, as amended, are required to take affirmative action toward equal employment opportunity. See General Conditions, Part II, Sec. 210.

Upon notification by the <u>City</u>, <u>each successful bidder will</u> be required to attend a Pre-Construction Conference with his known principal subcontractors, including but not limited to major items of work such as heating, electrical, plumbing and so forth. The purpose of the Pre-Construction Conference is to discuss, among other considerations, the responsibility of the successfull bidder and his sub-contractors under Executive Order 11246, and the requirement for a written Affirmative Action Program, if required, from the successful bidder and his sub-contractors.

Each successful bidder is hereby advised that a prepared Affirmative Action Program, in writing, will be required within 15 days after the Pre-Construction Conference under the following conditions:

- (a) where the prime contracts are of \$100,000 or more on projects costing \$1 million or more;
- (b) where the sub-contracts are of \$100,000 or more on projects costing \$1 million or more, where such sub-contractors - (1) will employ the higher paid trades (such as plumbers, electricians, or iron-workers) and (2) the higher paid trades locally have little or no minority group representation; or
- (c) where contracts or sub-contracts which are not covered by (a) or (b) above, but which, because of location or
   other special factors are specifically identified.

The conditions set forth above  $a \neq a \leq \sqrt{2}$  are not  $\sqrt{2} XX = \sqrt{2}$  applicable to this contract.

An Affirmative Action Program of the contractor or sub-contractor should reflect the following:

1. Policy with respect to Equal Employment Opportunity,

- 2. Appointment of an Equal Employment Opportunity Officer,
- 3. Appropriate steps being carried out by the Contractor or sub-contractor to:
  - a. Assure non-discrimination in recruiting of new employees;
  - b. Assure non-discrimination in hiring of new employees;
  - Assure that the company makes use of apprenticeship and other training to help equalize opportunity for minority persons;
  - d. Assure <u>non-discrimination</u> placement and promotion within the company;
  - e. Assure <u>non-discriminatory</u> pay, working conditions and other compensation;
  - f. Assure <u>non-discrimination</u> regarding demotion, lay-off or termination of employees;
  - g. Encourage non-discriminatory subcontracting, and
  - h. Follow through on its Affirmative Action Program verifying results and making changes and additions to the program as required.

#### 16. COLLUSIVE AGREEMENTS

a. Each bidder submitting a bid to the City for any portion of the work contemplated by the documents on which bidding is based shall execute and attach thereto an affidavit, substantially in the form provided in the proposal to the effect that he has not colluded with any other person, firm, or corporation in regard to any bid submitted.

b. Before executing any subcontract the successful bidder shall submit the name of any proposed subcontractor for prior approval and an affidavit substantially in the form provided in these instructions to bidders under sample forms.

#### 17. SAMPLE FORMS

The following sample forms are included herein for the Contractor's information and are not to be executed at the time of bidding.

Form Approved Budget Bureau No. 63-R-1142

U. S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

# Instructions For Contractors Regarding Affirmative Action Under Executive Order 11246

(Equal Employment Opportunity)

#### EEO: A CONTRACTUAL OBLIGATION

A prime contractor or subcontractor who signs a contract on a Federal or federally-assisted construction project assumes the obligation to take whatever affirmative actions are necessary to assure equal employment opportunity in all aspects of employment, irrespective of race, color, religion, or national origin. It is expected that a contractor will carry out that part of his contract pertaining to equal employment opportunity with the same amount of thought and action as he will any other part of the contract.

#### THE AFFIRMATIVE ACTION PROGRAM

To do this, the contractor must have a program of affirmative action. The program must be tailored to the particular set of circumstances which apply to the contractor and to the locality, the labor market, and the project (or projects) in which the contractor is involved.

It is expected that a contractor's affirmative action program will include actions suited to carrying out the principles listed in the following pages, to show that top management of the company intends to, and will, exert positive effort to assure equal opportunity in employment. (The actions listed under these principles in the following pages are furnished only as suggestions, and are not intended to limit the kinds of actions which may be taken. A substantial proportion of these or comparable actions are considered feasible for the individual employer, either on his own or as part of a joint effort with his professional or trade association in the local area.)

#### PROCEDURE FOR SUBMITTING WRITTEN PROGRAM

In some cases, submittal of written copies of the program is required. If the box at left is checked, the prime contractor is to develop and submit to the applicant,<sup>1</sup> within 15 days after the preconstruction conference (or after receipt of this notice, if the project is already under construction), three copies of his written affirmative action program. Likewise, if the box is checked, the prime contractor is to submit to the applicant, within 15 days of awarding each nonexempt<sup>2</sup> subcontract of \$100,000 or more, three copies of the affirmative action program so f each subcontractor. An up-to-date copy of each affirmative action program is also to be maintained at the employment site, available for inspection by representatives of the applicant and of the Government.

If the box is <u>not</u> checked, submittal of written copies will not ordinarily be required, but all other aspects of these instructions remain in effect.

#### FOLLOW-THROUGH

To assure compliance with equal employment opportunity requirements and evaluate progress made by a contractor under his affirmative action program, the applicant will observe the contractor's performance on a continuing basis. Compliance reviews will also be made by representatives of the Department of Housing and Urban Development. To be acceptable, affirmative action programs must reflect current (as well as past) thought and action on the part of the employer. It is recommended that each contractor and subcontractor keep a file of his equal employment activities and accomplishments.

Read (instead of "applicant" wherever it appears) "Applicant's Architect/Engineer" or "LPA" or "LHA" or "Sponsor" where such term is more appropriate. Read "HUD Regional Office" if a direct Federal contract is involved.

<sup>&</sup>lt;sup>2</sup> "Nonexempt" as specifically identified by the applicant or a representative of HUD at the preconstruction (or preperformance) conference.

# **Principles of Affirmative Action**

#### AND SUGGESTED STEPS FOR A PROGRAM

1. Write out an Equal Employment Opportunity Policy for your company. Make this policy known to all your employees and potential sources of employees and to your subcontractors, asking their cooperation. Use every appropriate means (bulletin boards, handbooks, letters, etc.) to get your points across. Be sure you are understood. (One way is to ask for signed acknowledgments and assurances of cooperation.)

2. Appoint a top management official in your company as Equal Employment Opportunity Officer (or equivalent title), to coordinate company efforts, to advise and assist your key staff, including superintendents and foremen, and to serve as a focal point for any complaints.

- 3. Assure non-discriminatory recruiting for your company, taking appropriate steps such as:
  - (a) Placing employment advertisements in newspapers which serve the largest number of minority-group people in the recruiting area;
  - (b) Recruiting through schools and colleges having substantial proportions of minority students;
  - (c) Maintaining systematic contacts with minority and human relations organizations, leaders, and spokesmen to encourage referral of qualified minority applicants (including those in related work such as fabricating shops and home repair) and minority youths interested in construction occupations;
  - (d) Encouraging present employees to refer minority applicants;
  - (e) Making it known to all recruitment sources that qualified minority members are being sought for consideration for supervisory, journeyman, office, and technical jobs as well as others, whenever the company hires.
- 4. Assure non-discriminatory hiring by your company, taking appropriate steps such as:
  - (a) Instructing personally those of your staff who make hiring decisions that minority applicants for all jobs (including supervisory, journeyman, office, and technical jobs) are to be considered without discrimination;
  - (b) Where union agreements exist --
    - 1. cooperating with your unions (perhaps through your contractors' organization) in the development of programs to assure qualified minority persons -- including apprentices -- of equal opportunity for employment in the construction trades;
    - 2. including an effective non-discrimination clause in new or renegotlated union agreements;
  - (C) Using as many apprentices and summer and part-time trainees particularly from the minority group as work needs and union agreements, if any, will permit.

5. Assure that your company makes maximum use of apprenticeship and other training to help equalize opportunity for minority persons, taking appropriate steps such as:

- (a) Sponsoring and assisting minority youths as well as others to enter pre-apprentice and apprentice training, and making such training available to the maximum extent within your company;
- (b) Actively encouraging minority employees as well as others to increase their skills and job potential through participation in training and education programs, and helping to assure that such programs are adequate and are in fact available to minority persons;
- (c) Actively participating in Joint Apprenticeship Committees;
- (d) Working with civic, labor, and contractors' organizations (helping to organize a sponsoring group if necessary) to conduct an open-admission training resource for the construction trades in your area.
- 6. Assure non-discriminatory placement and promotion within your company, taking appropriate steps such as:
  - (a) Instructing personally those of your staff who make decisions on placement and promotion that minority employees are to be considered without discrimination, and that job areas in which there is little or no minority representation should be reviewed to determine whether this results from discrimination;

(b) Distributing written questionnaires to all lower-paid employees, inquiring as to their interest and skills with respect to any of the higher-paid trades, followed by assistance, counselling, and effective measures to enable employees with interest and potential to qualify themselves for such trades.

7. Assure non-discriminatory pay, other compensation, and working conditions in your company, taking appropriate steps such as:

- (a) Examining rates of pay and fringe benefits for present employees with equivalent duties, and adjusting any inequities found;
- (b) Not reducing the compensation of existing employees whom you have converted to on-the-job trainee status;
- (c) Advising all qualified employees whenever there is an opportunity to perform overtime work.

8. Assure non-discriminatory demotion, layoff, or termination, perhaps by requiring advance clearance of such actions through your company's Equal Employment Opportunity Officer.

9. Encourage non-discriminatory subcontracting for your company, taking appropriate steps such as:

- (a) Encouraging minority-group subcontractors, and subcontractors with minority representation among their employees, to bid for subcontracting work;
- (b) Counselling and assisting minority craftsmen who have the interest and potential to become subcontractors, with respect to securing performance bonds, writing contracts, and making bids.

10. Follow through, questioning, verifying, making whatever changes or additions to your program may be necessary to obtain results.

#### NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR

State of	)
	) ss
County of	)

\_\_\_\_, being first duly sworn, deposes and says that:

(1) He is (owner, partner, officer, representative or agent) of hereinafter referred to as the "Subcontractor";

(2) He is fully informed respecting the preparation and contents of the subcontractor's proposal submitted by the subcontractor to , the Contractor for certain work in connection with the

\_\_\_\_\_, Contract pertaining to the Project in

(City or County and State):

(3) Such subcontractor's Proposal is genuine and is not a collusive or sham proposal:

(4) Neither the subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived, or agreed, directly or indirectly, with any other Bidder, firm or person to submit a collusive or sham Proposal in connection with such Contract or to refrain from submitting a Proposal in connection with such Contract, or has in any manner, directly or indirectly, sought by unlawful agreement or connivance with any other Bidder, firm or person to fix the price or prices in said subcontracotr's Proposal, or to fix any overhead, profit or cost element of the price or prices in said subcontractor's Proposal, or to secure through collusion, conspiracy, connivance or unlawful agreement any advantage against the

City or any person interested in the proposed Contract; and

(5) The price or prices quoted in the subcontractor's Proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

(Signed) \_\_\_\_\_

Title

Subscribed and sworn to before me this day of \_\_\_\_\_, 19\_\_\_\_.

Title

\_\_\_\_\_ My commission expires \_\_\_\_\_, 19\_\_\_\_.

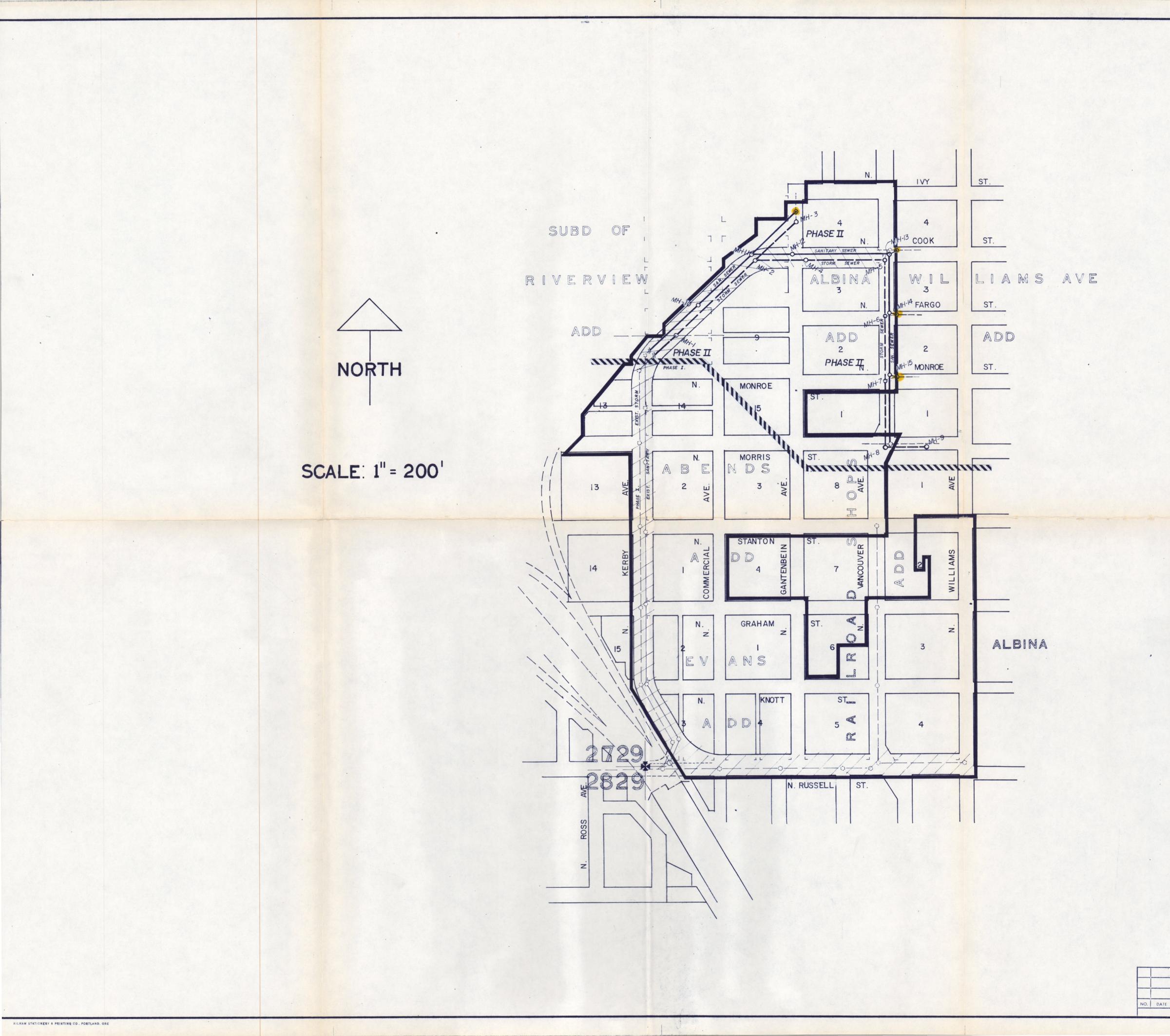
PLANS

### SCHEDULE OF PLANS

# Drawing Title

Emanuel Hospital Urban Renewal Storm and Sanitary Sewer System Phase II Sheet Numbers

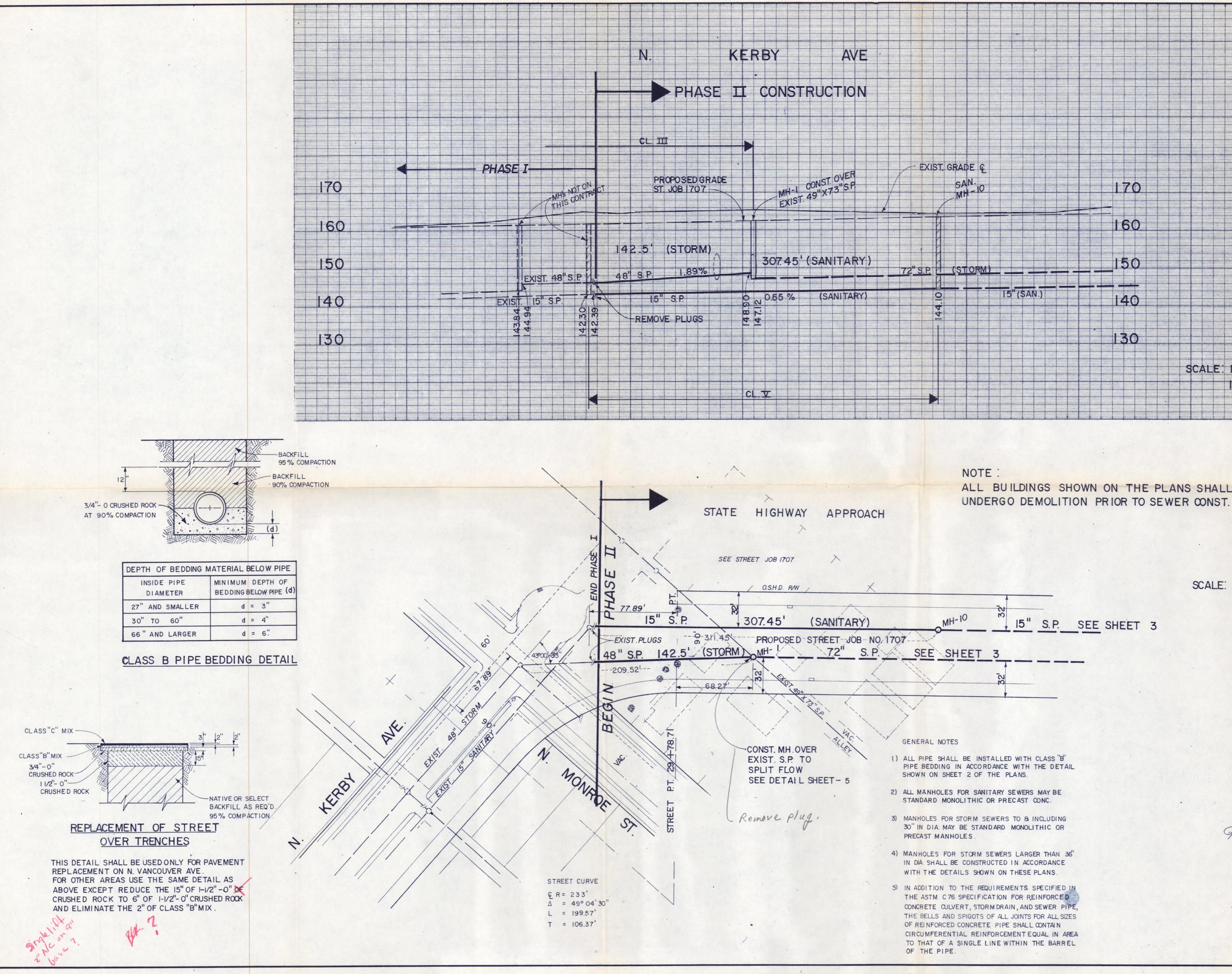
Sheets 1-7



FUTURE STREET	JOB NO.	1707			
PHASE IL SEWER CO	NSTRUCTION	JOB 23118			
SANITARY SEWER	SAN	O	_		
STORM SEWER	STOR	<u> </u>	_		
PHASE I. SEW	ER CONSTRUC	TION			
EXISTING SEWERS					
PHASE I. AND PHASE II. SEWER CONSTRUCTION BOUNDARY				1	
	VI	CIN	ITY	MA	P
		SCAL	E: 1"=	200'	
		PHA	SE	Π.	
	D	EPARTMEN	F PORTLAND, C IT OF PUE DERSON ERSON, P.E.	COMMISSIONER	(S
	BUREA	U OF SA	ANITARY	1 Engine	EERING
STEPED PROFESS WINGINESS B209 Small D. Junnarbay OREGON		URBAN STORM	REN	ANITARY	
ROMARSON CONTRACTOR CO	APPROVED So	e Zichu REC	2	1/4 SECTION 2729-2730 2829-2830 RESOLUTION NO.	DATE 8-22-72 FILE NO.
	APPROVED ASS'T. CITY ENGINEER	5. Mona	han 243 3. PROF. ENGR. NO. 3737	PETITION NO.	JOB NO, 23118
	APPROVED CITY ENGINEER DESIGNED BY	mes h free	G. PROF. ENGR. NO. 3544	UNDERGROUND BY K.W.	SHEET NO.
REVISIONS	A. N. Z.	T. A. R.	T. A.R .	A.N.Z.	

LEGEND

URBAN RENEWAL PROJECT BOUNDARY....



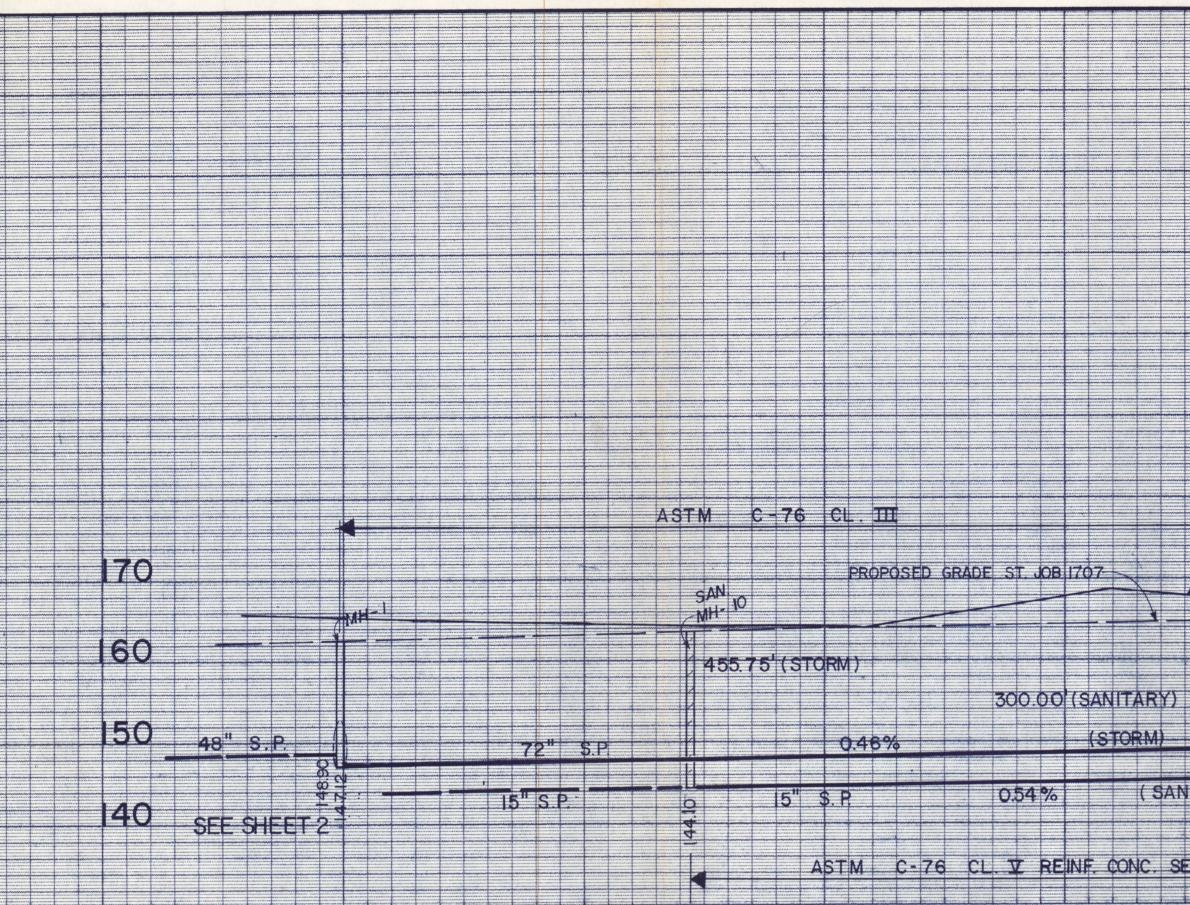
170		
160		
150		
140		
130		
	SCALE: 1"= 40'HOR1Z.	
	1'= 12' VERT.	
	- A- to to to the termination to the	t de

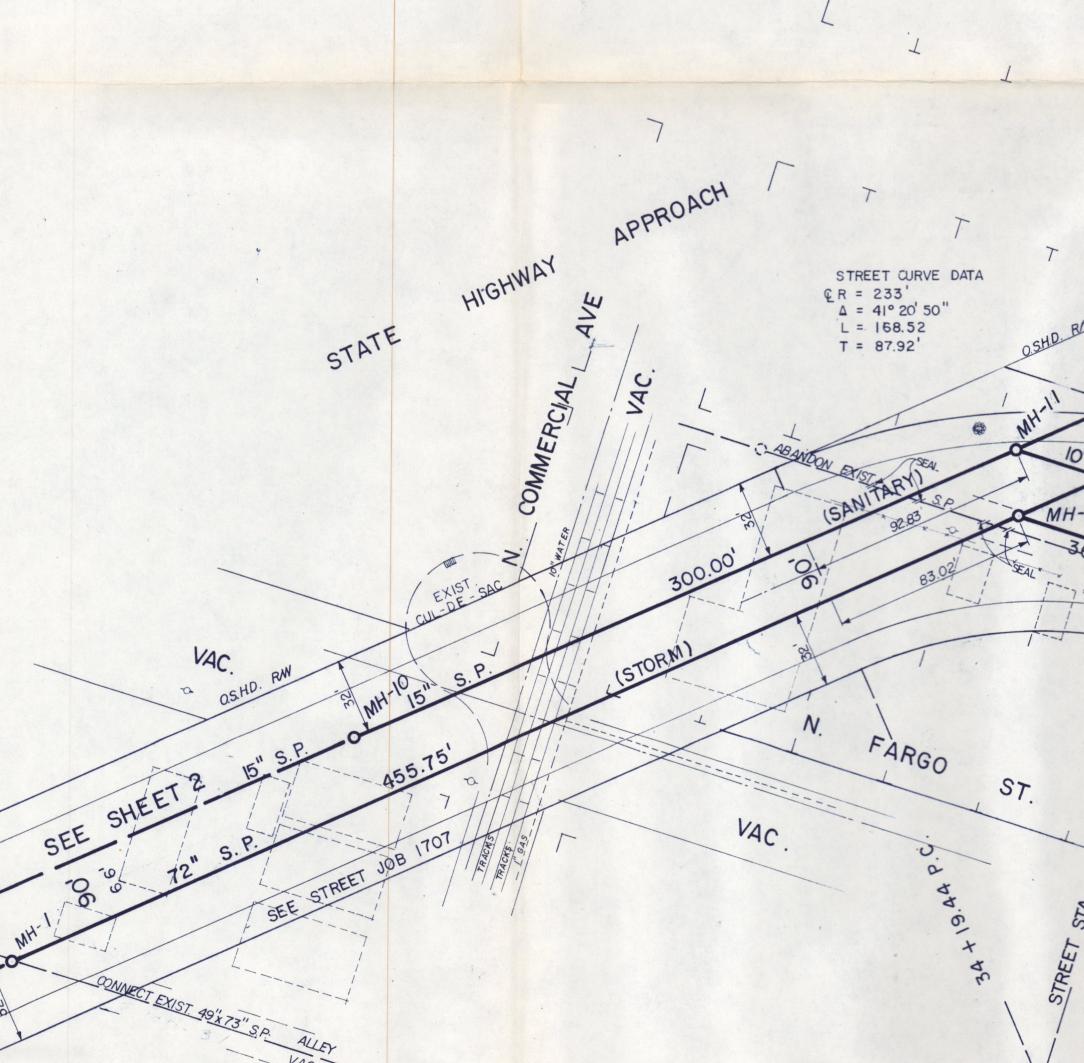


SCALE: |" = 4 0'



	CITY OF PORTLAND OREGON DEPARTMENT OF PUBLIC WORKS LLOYD E. ANDERSON COMMISSIONER JAMES L. APPERSON, P.E. CITY ENGINEER
E	EMANUEL HOSPITAL URBAN RENEWAL STORM AND SANITARY SEWER SYSTEM
7	APPROVED: Or Purchas APPROVED: OF REG. PROF. ENGR. NO. 3656 APPROVED: OF REG. PROF. ENGR. NO. 3656 APPROVED: OF Thomation 277 ASS'T. CITY ENGINEER REG. PROF. ENGR. NO. 3737 APPROVED: CITY ENGINEER APPROVED: OTHER APPRO
	DESIGNED BY DRAWN BY PETITION NO. A.N.Z. T.A.R. SHEET NO. CHECKED BY UNDERGROUND BY RESOLUTION NO. A.N.Z. K.W.





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54" S.P.

			<b>H</b>
		N. GANTENBEIN A	VE. <u>\$</u> '
		CONST 15" DIVERSION	
	MH-FMH-IU ST MSMN.	MH-3 CONST 15" DIVERSION	
160	22805'(STORM)		
	241.12 (SA 0 2 72" S.P. 0.35%	N.)	
150	0 2 72" S.P. 0.35%	(STORM) Exist 19"x 7	
	N N IS" S.P. 147% CS		
140	2841 S.P. 1.47%		
		ASTM C-76 CL. III	
			cook st
EXISTING GRADE	SAN-	SAN-12 MH-4	
	AN-11 MH-11 200.00'(STORM) 176.01'(SANITARY) 36' 15 P 2.87 % (STORM)	344.20' (\$TORM)	
	200.00'(STORM)		39000' (SANITARY)
	36" (SANITARY) 36" (S.P. 2.27 % (STORM)	17 36" S.P. 1.02%	(STORM) ABAY
			52%
NITARY)	SAN.)	49.02	
			4 EXTRA STR
			SCALE
N		S"WATER 09	
N. COOK	ST. VAC.		T. 49 X 73" COMB. SEWER
	13 49 15 Dmh	N. 15" DIVERSION MH OVER EXIST S.P. 5	
T	CONST. CO	DVER EXIST S.P. 5 ETAIL ON SHEET 7	ST.
TIN			
	EASEMENT STORMA SEAL STORMA		
11 15 S.P. SEWER	EASEMEN STOR	4	
1 5.8	ST ST ST		2
	FILL MH WI	TH SELECT BACKFILL MATERIAL	
мн-2	(SAN) 95 % COMPA		I I I I I I I I I I I I I I I I I I I
36" S.P. (STORM)	· · · · · · · · · · · · · · · · · · ·	N. / 12	VANCOUVER
1-1-2	00 , gower 10"	PROP. CURB COOK	ANC
	THE A MAR	ABANA	/ ////
	SEAL 36" S.P.	30.00' EXIST @	13
~		EXIST OFWATER	2 30' 60
٩.		SANITA SANITA	
58	N N	STREET JOB 1702	PY)

FILL 49"X73" PIPE WITH GROUT FROM ABANDONED MANHOLE TO LOWER CONC.SEAL . LIMIT OF PIPE TO BE SEALED EQUALS 45'+

SCALE: 1" = 40'

NOTE: CONCRETE SEALS FOR THE 49" x 73" PIPE SHALL BE IN ACCORDANCE WITH THE PIPE SEAL DETAIL ON SHEET 6. SEAL 49" X 73" PIPE TWO (2) LOCATIONS AS SHOWN.

5

SEE SHEET 4

(STORM)

MH-5

10:5

10

30"

N

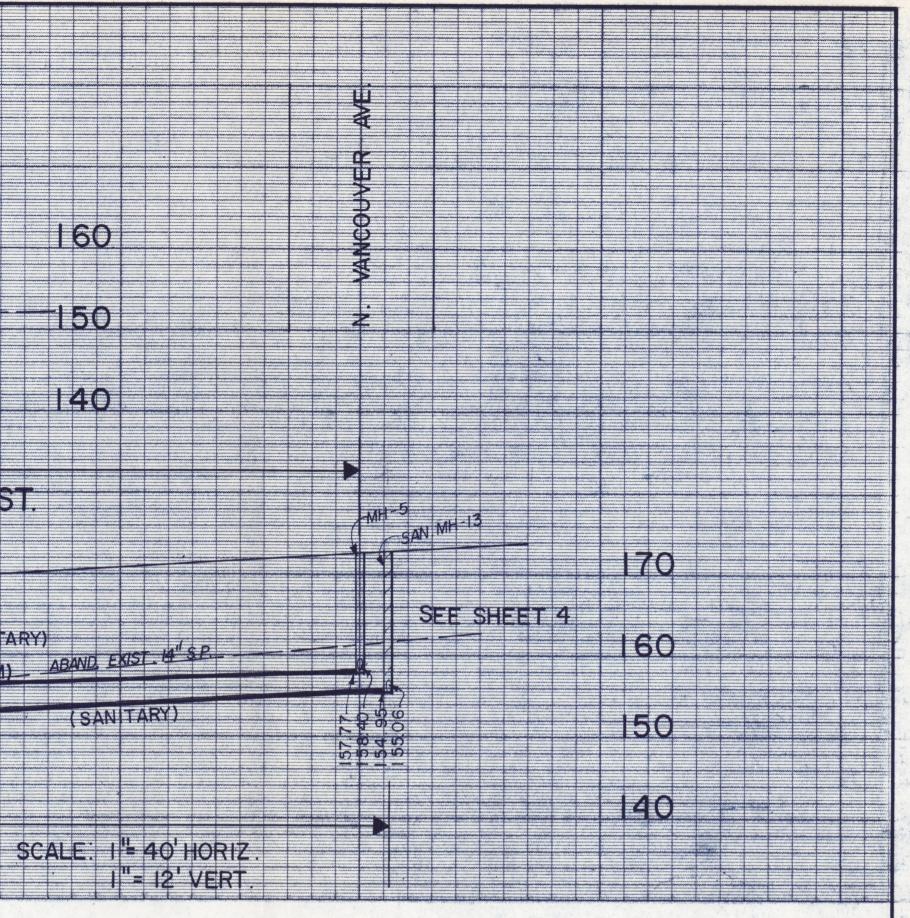
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2

60'

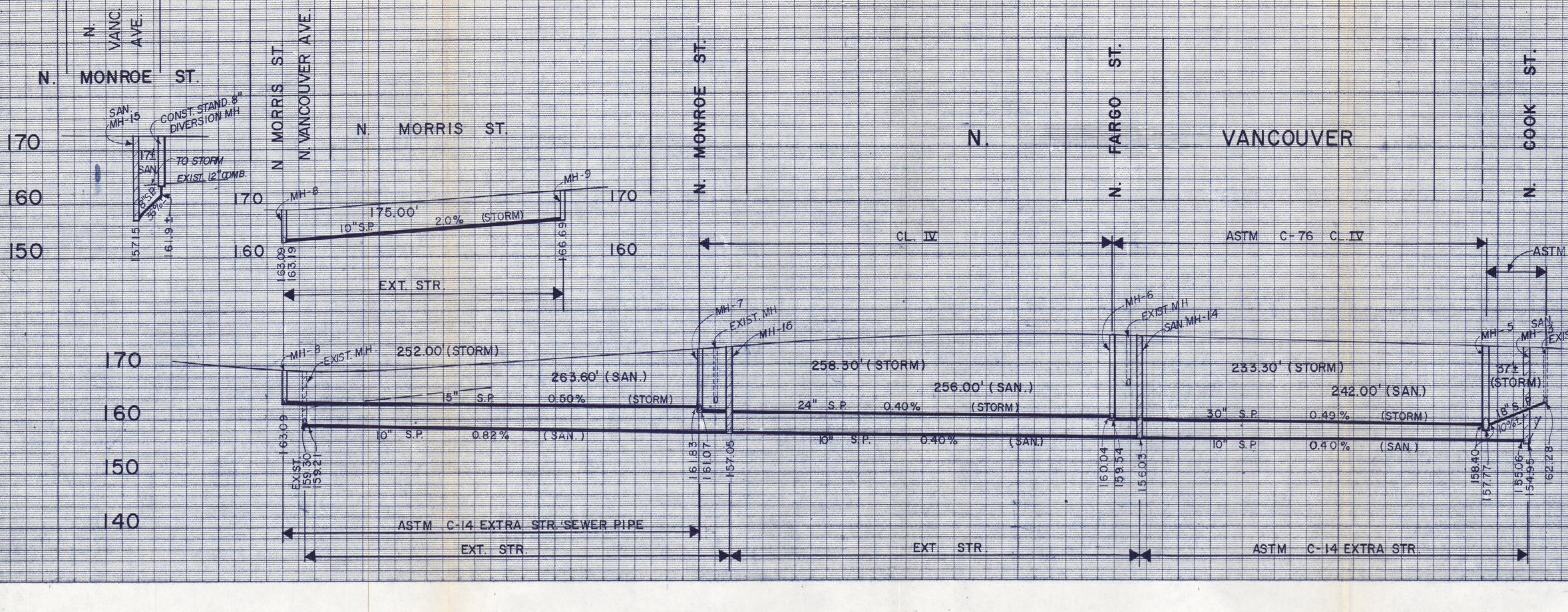
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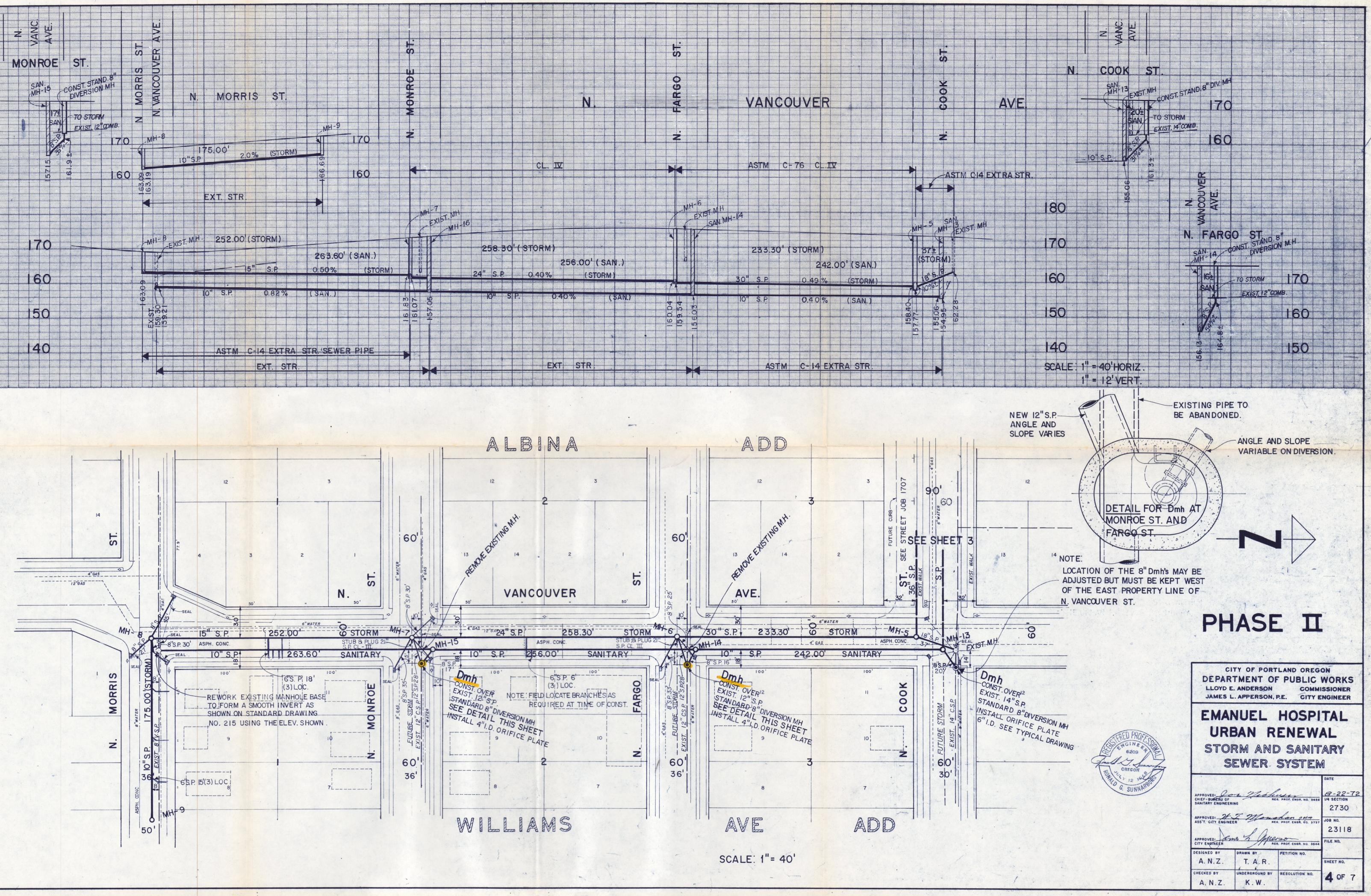
MH-13.

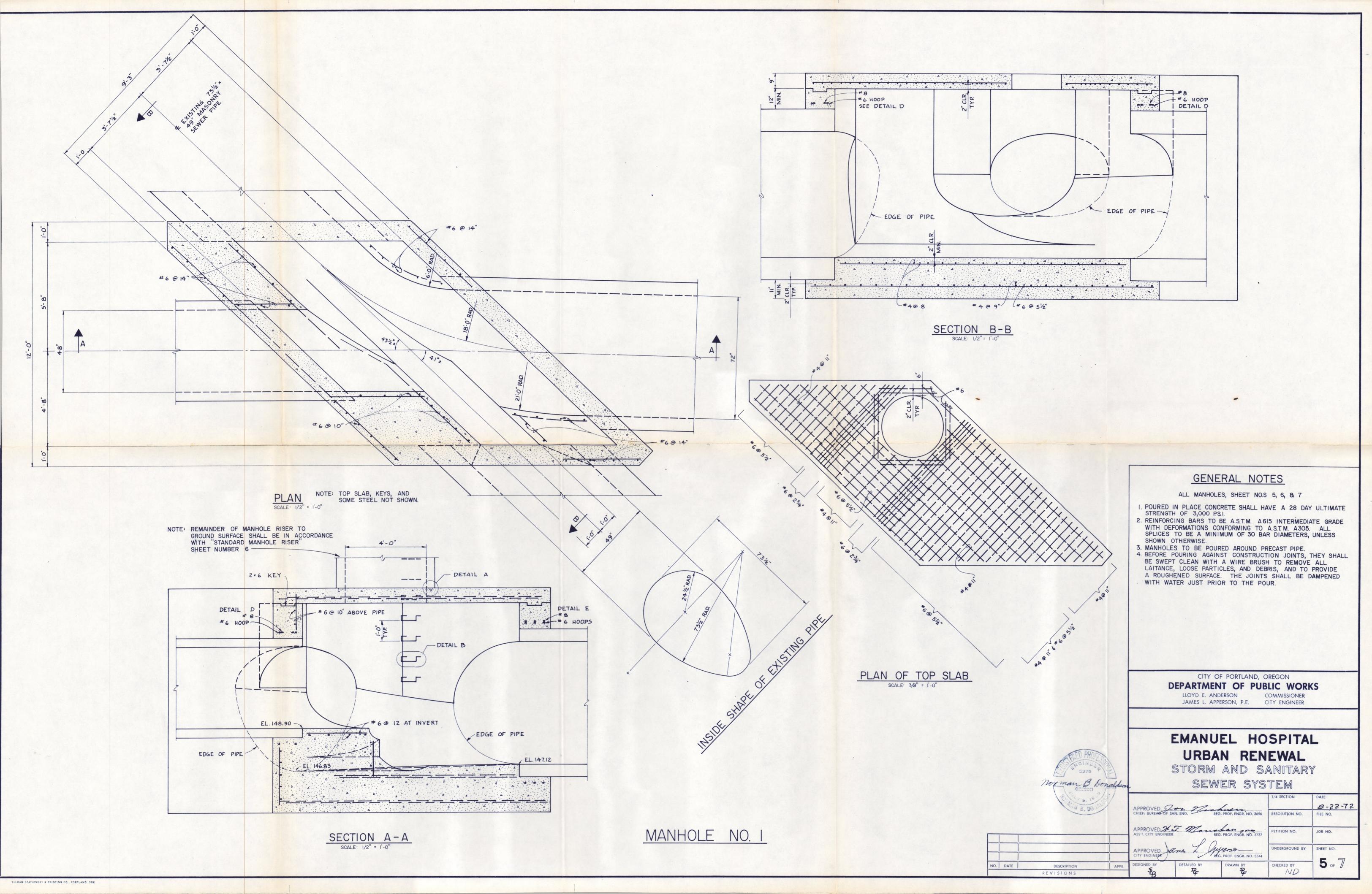


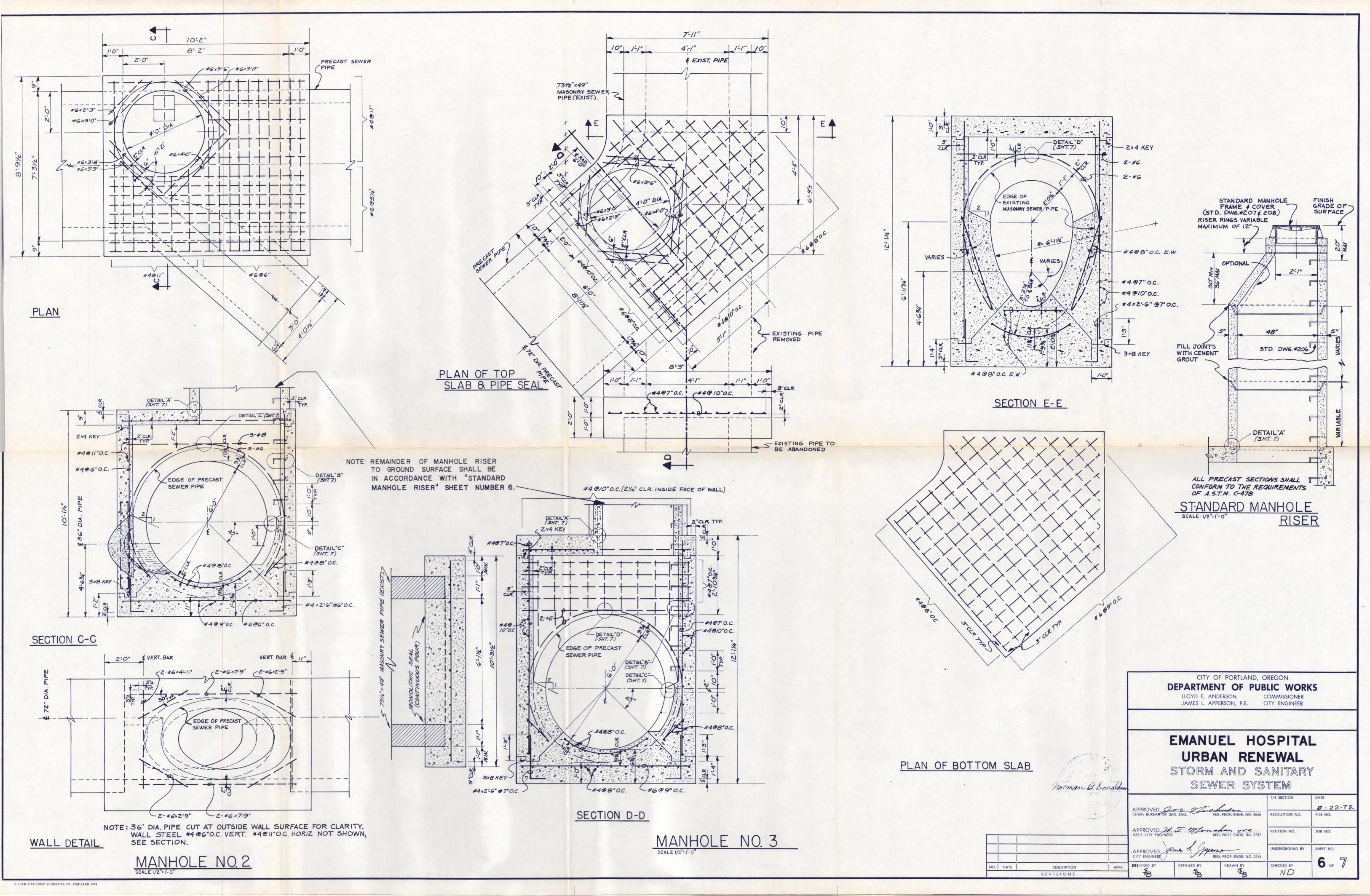
# PHASE II

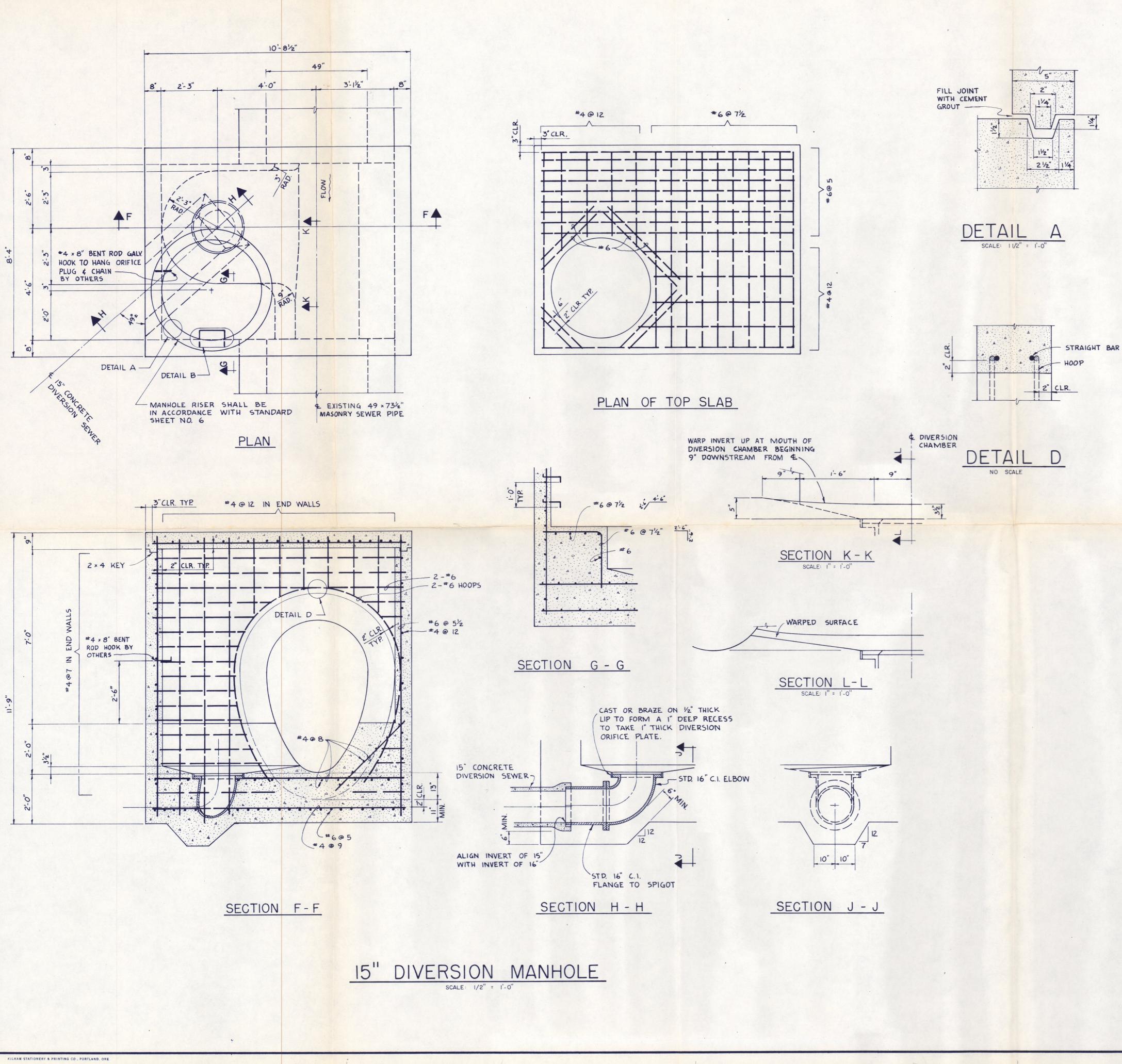
CITY OF PORTLAND OREGON DEPARTMENT OF PUBLIC WORKS LLOYD E. ANDERSON JAMES L. APPERSON, P.E. CITY ENGINEER						
EMANUEL HOSPITAL URBAN RENEWAL STORM AND SANITARY						
APPROVED:	2 Hicher		DATE 8-22-72 1/4 SECTION 2730			
ASS T. CITY ENGINEE	DRAWN BY T. A.R.	PROF. ENGR. NO. 3544	JOB NO. 23118 FILE NO. SHEET NO.			
CHECKED BY A. N. Z.	UNDERGROUND BY	RESOLUTION NO.	3 OF 7			

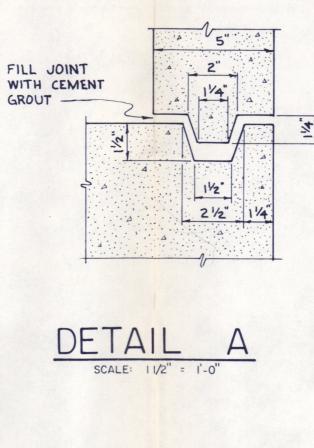


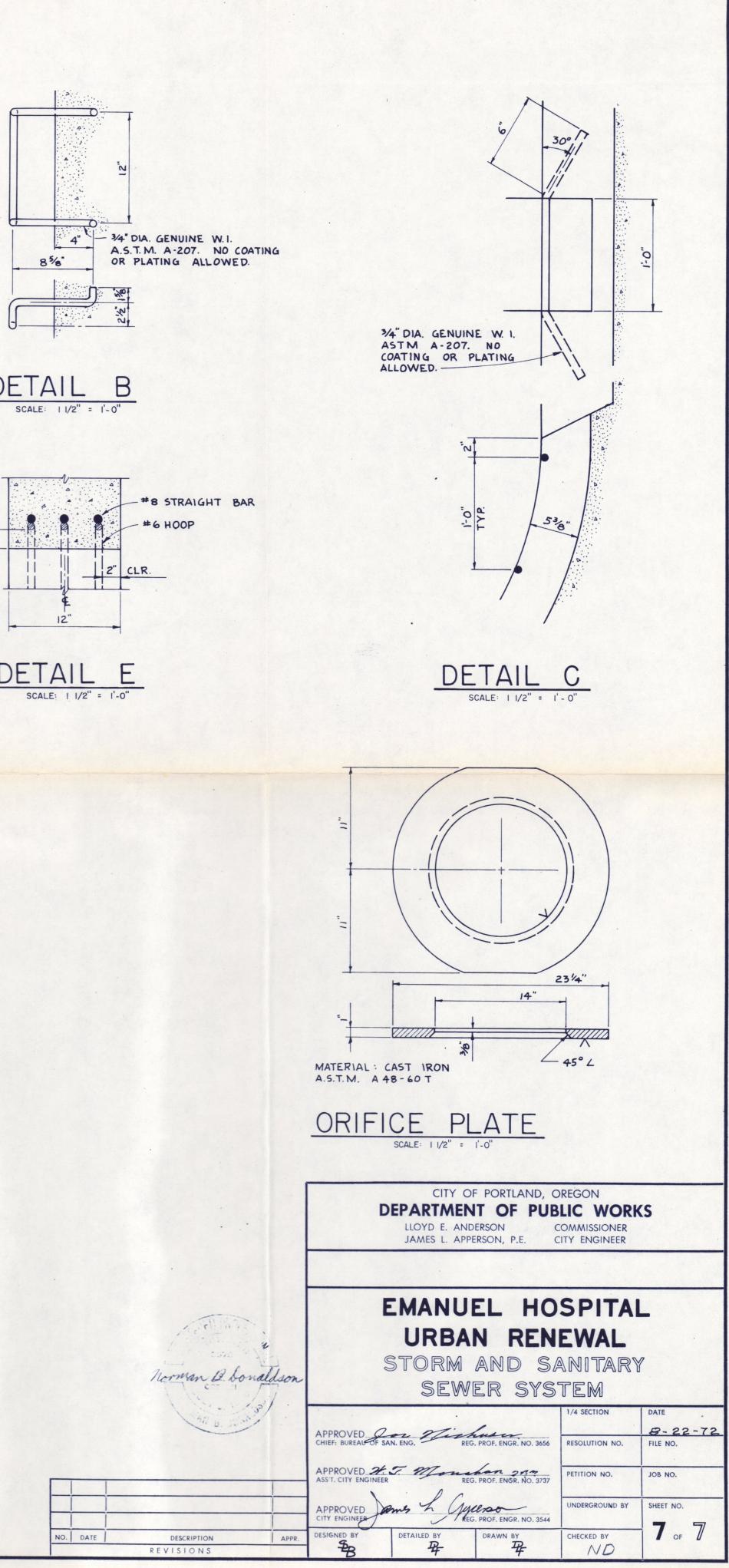


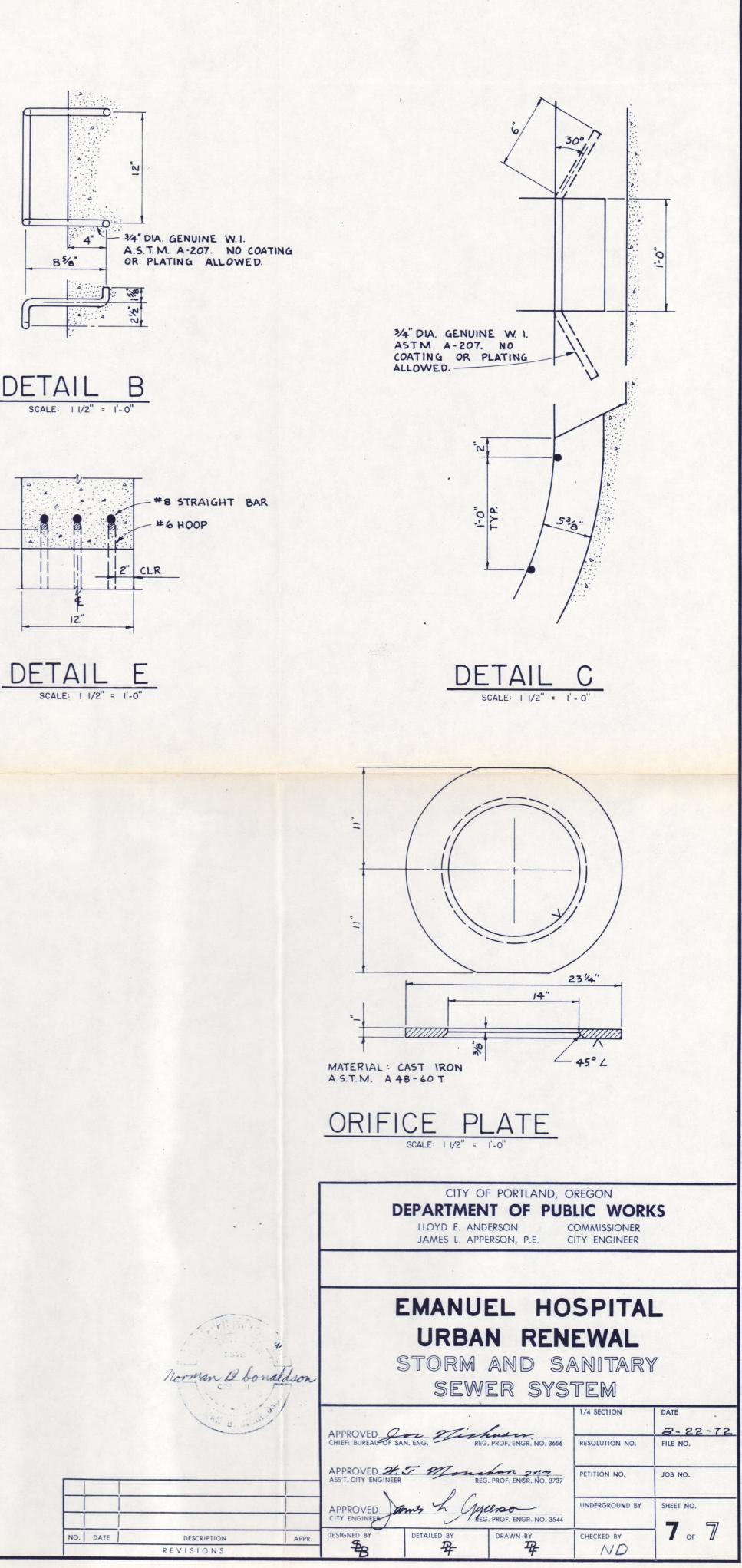


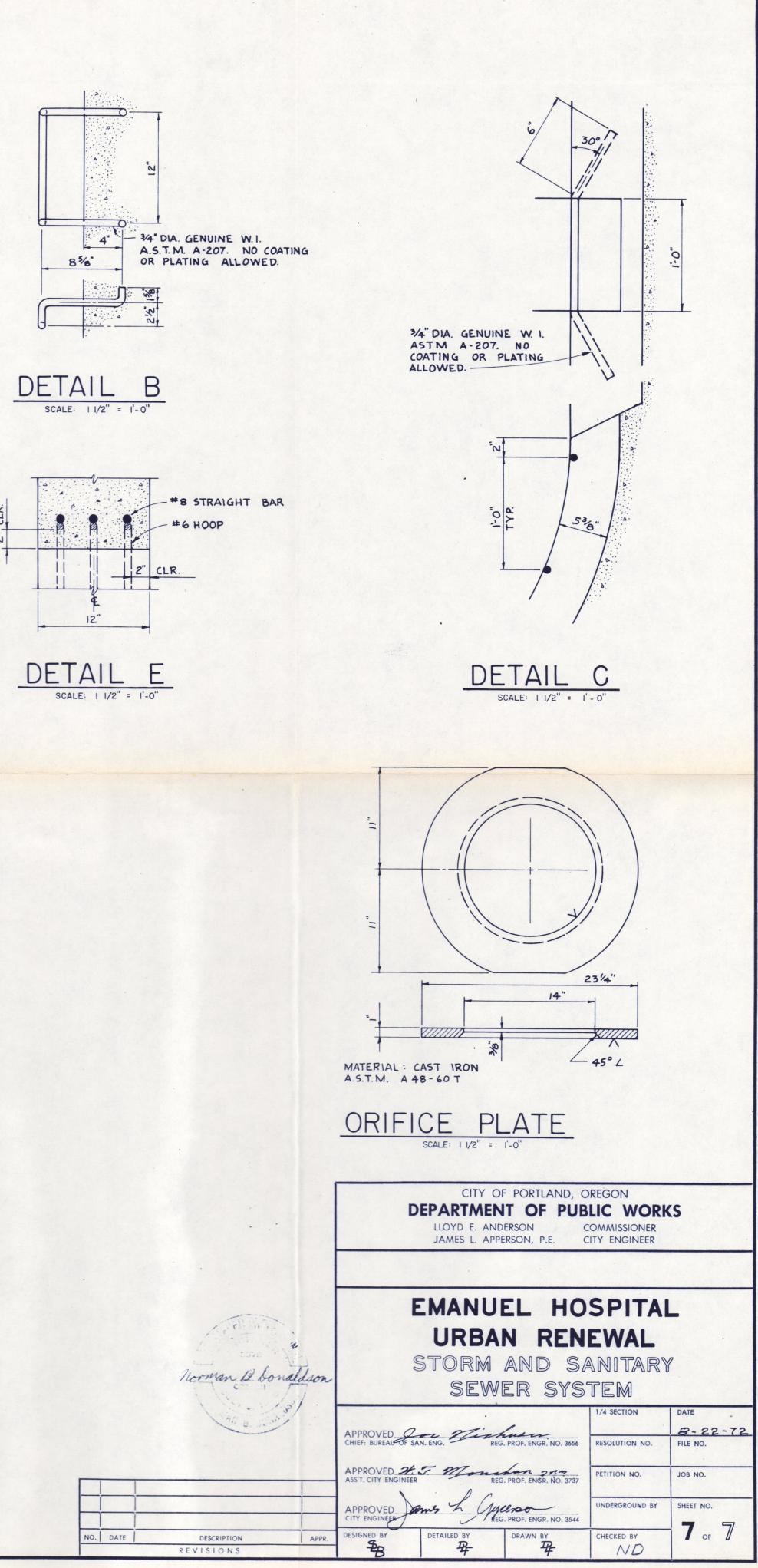












	2211	0	
J	ob No. 23110	٣	
to 111 it 101 provid	n1 77		
Emanuel Hospital Urban Rehe Wal	Thase 11		
(JOD NADAB) (L	ocation)		
Report No. 108 Date 5-9-73 Weather P. cldy by	showers Te		650
Work Progress: Paved w/ cl-Casphalt			
on Vancouver Ave. From Cook St.	Trade	No. o	f Men
to-end, of paying from May Ith-		Gen.	Sub
- k block to South also paved	Superintndt.		
30 of ditch from Vancohver to	Foreman	- K	<u> </u>
West on Cock It.	Carpenter Steel Worker		
First 1 - 1 - 1 - + - + - + - + - + - + - + -	Laborer		
eff sidewalks along Vancouver Ave.	Cem. Finshr.	3	
off sidewalks along vancouver Ave.	Truck Driver	+	
	Equip. Optr.		
	Plumber		
	Electrician	+	
	Crane Optr.		
	Oiler	+	
		1	
	and the second s	1	
Manie Dulleren			
Work Delays:			
Materials Received:			
		the second second	·····
Official Visitors:			and a real of the local division of the loca
W/Comments			a ball after sugarting.
N DE ALANDE E VI EL STOLEN, COLONIA E STOLE I STOLE I STOLEN EN STOLEN DE ALA ALANDER STOLEN. DE ALT PROVEN	and the second		
General Notes: Pavement measurements: Fro. From MH#13 to Prop. Line = 42.	m M.H * 5 Z	Cut	6=19
	and the state of the state of the state	-	
	l'n	6	

Signed

a. Acherde

Job No. 23/18 Emanuel Hospital Urban Renewal - Phase II (Location) 62° Report No. 107 Date 5-8-73 Weather P. Cloudy Temp. C+B Ath Line Work Progress: W/ class Trade No. of Men SOhA Gen. Sub. Line or Superintndt. ncouver Foreman Cen Ζ Carpenter 504 Floo ook Steel Worker block South. 0 IAC to Laborar 2 Cem. Finshr. Hauled away brush. Truck Driver Equip Optr Plumber Electrician Crane Optr. 01 Ler Work Delays: Traffic: RRoad & Heistz Const. Cois Operation Materials Received: Official Visitors: W/Comments General Notes:

Signed\_ a. Schut

Emangel Harpital Urban Renewal - Phase II (Job Name) (Location) Job No. 23/18 Report No. 106 Date 5-7-73 Weather P. cloudy 60° Temp. Work Progress: Paved ditches on N. Vaneouver Ave From Morris to Trade No. of Men Gen. Sub. + Thru intersection to NONFOR SI Superintndt. rab Foreman 7 Hauled away brash & general-cleaned up area. Carpenter Steel Worker Laborer 4 Cem. Finshr. Truck Driver Equip Optr Plumber Electrician Crane Optr. Oiler Work Delays: Materials Received: Official Visitors: W/Comments General Notes:

Signed G. Schart

J	b No. 23/18			
Emanuel Hospital Urban Renewa (Job Name)			T	
Report No. 105 Date 5-4-73 Weather P. c/a	udy Te	- c	500	
Work Progress: Paved = 175'of ditch	<i>`</i>			
an Markes withop 2" of asphalt.	Trade	No. o	f Men	
also paved avet lateral dilcher an		Gen	Sub.	
side streets west of Vancouver Ave.	Superintndt.			
	Foreman	2		
Norked cleening + finishing	Carpenter			
inside of MHIS.	Steel Worker			
and a she to be the term of term of the term of term o	Laborer	4		
with the second considerate and set of the second	Cem. Finshr.	1		
	Truck Driver	17	1	
	Equip. Optr.	+		
	Plumber	1		
	Electrician			
	Crane Optr.	+		
	Oiler			
######################################	OTTOT	+	+	
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			1	
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Work Delays:	1. 1. a.a.			
Materials Received: Asphalt.				
	in teases to be all the sectors to the sectors of t			
Official Visitons	den det de la complete de la		and tree - Castrantine	
Officiel Visitors: W/Comments				
General Notes:				
948 - Martin Balantin and Antonia and Antonia Antonia Antonia Antonia and a sub-second provident and a sub-seco Notes and the sub-sub-sub-sub-sub-sub-sub-sub-sub-sub-				
Signed	11.17	Ft.	E	
DIKURU U.	VC MAN			

J	b No. 23/1	1P	
Emanuel Hospital Urban Renewal (Job Name) Report No. 104 Date 5-3-73 Weather Showe	- Phase I	Z_	
Report No. 104 Date 5- 3-73 Weather Showe	reig. periods	•	60°
Work Progress: Water settling on N. Cook St.			
	Trade	Contract Concerns of Concerns	f Men
- Finishing in MHis - 3, 4	Superintndt.	Gen	500
15 DIVIA INOTVA OF MAN .	Foreman	12	
Phone IN Marine CI + Sat -	Carpenter		
Prepared N. Matrie St to East of Vancouver For paving.	Steel Worker	+	
- ancouver for paving.	Laborer	5	
	Cem. Finshr.		
	Truck Driver		
	Equip Optr.	1	
	Plumber	-5-	
	Electrician		
	Crane Optr.	1	
	Oiler	F	
	and the second	-	
	Contraction of Contraction Contraction Contraction Contraction		
	Sectore a construction of the sector of the		
		-	
		-	
Made and Shake Association discussion of the second strategy statement of the second strategy strategy of			
		Station of the state	and an average and the second s
Work Delays:			
Materials Received: 20' concrete surb + = 5 c	y. For side	walk	
			and the second states
Official Visitors:	9		
	And the second		and a second second second
General Notes: Repaired carbs & side walk da.	mage along	N.	Vancouver
		DI	N
Signed 41	la t	1 Sta	C
DIRIGA	and the second		Contractor and the state

J	Job No. 23/18		
Emanuel Hospital Urban Renewal (L	- Phase -	ĪZ	
Report No. 103 Date 5-2-73 Weather P. 01		•	60°
Work Progress: Paving From N. Montoe to N. Mortis on Vancouver Ave.	Trade	No. o	é Man I
IV. Mottis on Vancouvet Ave.	11.900	Gen.	Sub.
hit to the hit of the st	Superintndt.	Uerre	340
betw. Gantenbein & Vancouver.	Foreman		
Delw. Gancenbein & Van Coover.	tion of the second s		
FILL AND # IN ANT	Carpenter Steel Worker		
Finishing in MH's #14 MH. 3.	Laborer		
Billion and an		4	
	Cem. Finshr.		
	Truck Driver		
	Equip. Optr.	11	
	Plumber		
	Electrician		
	Crane Optr.		
	Oiler	11	
	and a state of the		
	Constitution of the Association	1	
		1	
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		des constant of the second	and the second second
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	and a subset of a subset of the subset	Cardent Caller	
		the second second	
	and the second se		
	and a supply and the		
and an a stand and a stand and a stand a			to the second second
Work Delays: Caru			
Materials Received: Asphalt 2 30 tons	a, esta alta e en alta atta data data esta a data data data data data data data	2010 - Carlon Marine - Carlon	
Official Visitors:			
W/Comments			
General Notes:			
			201
			The
	Sefait		
Signed L/-	schalt		

Signed

Jo	b No. 23/	18	
Emanuel Hospital Utban Renewal (Job Name)	- Phase cation)	I	
Report No. 102 Date 5-1-73 Weather Fair.	W/ourcastre	emp	750
Work Progress: Water settled diteres. on N. Vancouver From N. Forga to N. Morriss St. Monroe	Trade	No. o	e Man 1
N Mappies St. Mappie	Trade	Gen.	Sub.
	Superintndt.		
Pared as N. Var adures Flam N.	Foreman	17	
Fargo to N. Montoe. St.	Carpenter		
and the farmer of the former of the former of the former of the day	Steel Worker		
Pumped Etaut into Existic MH	Laborer	4	
on N. Cook St. & Ganterbein Ave	Cem. Finshr.	1	
an this and also and the family of the second se	Truck Driver	1	
	Equip Optr.	17	
	Plumber	1	
	Electrician		
Beneralise de la company de la capacité de la capacité de la company de la	Crane Optr.	1	
	Oiler	17	
	ananya na gana ang ang ang ang ang ang ang an		
	A second structure of which it was the structure		
		Constant of the local data	
		A	
		Statute Culture	and the second data
		the second second	
		-	-
			-
Work Delays:			
N & A MARK MICH & MARK & AND A			
Materials Received: Asphalt 90 c.	X. Grout	L	
			adarr - Endlandara
Official Visitors: W/Commente			
General Notes:	a tokala a a a a da a takata takata a da		Non-Ind Principanos
	And the second statements		
	Schadt		
Signed U.	Achadt		

Signed

JOB NO. ZJ/12 Emanuel Hospital Urban Renewal - Phase II (Job Name) Report No. 101 Date 4-30-73 Weather Fair Temp. 700 Work Progress: Paved on N. Kancouver to N. Fargo St. Trade No. of Men Gen. Sub Vancoaver from N. Fargo to Mottis Superintndt. Foreman Carpenter Steel Worker 4 Laborer Finished Inside of Mottis. + Cem. Finshr. = Existing M 01 catch Truck Driver ancouver Equip Optr leads & Finished hattam Plumber Electrician Crane Optr. Oiler Work Delays: Materials Received: 2 - O Fock 36 Tons cl-B Asphalt Official Visitors: W/Commente General Notes:

Signed a. Schadt

Jo	b No. 23/1	S	
Emanuel Hospital Urban Renewal (Job Name) (Lo			
Report No. 101 Date 4-27-73 Weather Fair	folouds To	- danap	;50
Work Progress: Excavated from MH. # 7 to In let on SE corner & loid P" S.P. +made connection to in let Water settled ditch on N. Vancouver to Manroe St & From End of Kerby Jt to area of MH3.	Trade Superintndt. Foreman Carpenter Steel Worker Laborer	No. o Gen.	f Men Sub.
stacked rings on MH#3, stripped shoting & backfilled.	Cem. Finshr. Truck Driver Equip. Optr. Plumber Electrician		
	Crane Optr. Oller		
Work Delays:			
Materials Received:			
Official Visitors: W/Comments			
General Notes:			

Signed G. Schutt

Jo	b No. 23/1	P	
Emanuel Hospital Urban Renew (Job Name)	al - Phas Deation)	se Z	Z
Report No. 99 Date 4-26-73 Weather Fair by	clouds Te	••	650
Work Progress: Excavated & laid 12" S.P.	Trade	I Vo	f Men
From MH#7 to DMH	TLAGO	diversity of the local	designed and the second s
on NW + NE corners	Cum and a kin dk	Gen.	Sub.
on NW & NE conners	Superintndt.		
the third the second se	Foreman		<u> </u>
beginning of project to MH#3	Carpenter		
beginning of project to MH#3	Steel Worker		
/ / / 0	Laborer	4	
	Cem. Finshr.		
	Truck Driver		
	Equip Optr	17	
	Plumber	1	
	Electrician	1	
	Crane Optr.	1	
	Oiler	+7	
	OALCA		+1
	and we are the second sec		+
			ليسمل
Work Delays:			
Materials Received:			2
Official Visitors: W/Comments			
General Notes: Repaired broken MH donut	t cover at	. N. F	argo_
	e		

Signed 4. Schutt

Jo	b No. 23//	P	
Emanuel Hospital Urban Renewa (Job Name) (Lo	1- Phase Deation)	T	
Report No. 98 Date 4-25-73 Weather Fair w.	skat-chuds Te	. e	55°
Work Progress: Stacked & backfilled Fot MH# / + MH#7 <i>Excavaled From MH#7 to</i> <i>West &amp; laid 30, 5'of 10" S.P.</i> <i>et end depth of 10, 5'</i> <i>Walet settled in trench From</i> <i>startof project on N. Kerby Ave. Area</i> <i>to MH#3 &amp; DMH on N. Gantenbein</i> .	Trade Superintndt. Foreman Carpenter Steel Worker Laborer Cem. Finshr.	No. o Gen.	f Men Sub.
to TAH# 3 & DMH on N. Gantenbein.	Truck Driver Equip. Optr. Plumber Electrician	2	
	Crane Optr. Oiler	/	
			I
	9 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -		
Work Delays:			
Materials Received: 12 - O Rock			
Official Visitors: W/Comments			
General Notes:			

Signed G. Schutt

Job No. 23/18 Emanuel Hospital Urban Renewal - Phase II (Location) Report No. 97 Date 4-24-73 Weather Cloudy to P. cloudy Temp. 600 Work Progress: Water settling treach on N. Vancouver & between MH# 2 + MH# 3. Trade No. of Men Gen. Sub. Superintndt. reavaled, laid & Foreman C-14X Carpenter Steel Worker On N conners of 4 Laborer interrection. Made 3 inlet connections. Cem. Finshr. Truck Driver Equip. Optr. 2 Plumber Electrician Crane Optr. Oller 1 Work Delays: Materials Received: I cu. yd. concrete Official Visitors: W/Comments General Notes: Signed G. Aladt

Job No. 23/18 Emanuel Hospital Urban Renewal - Phase II Report No. 96 Date 4-23-73 Weather P. cloudy Temp. 500 Work Progress: Stripped forms on MH#3; Trade No. of Men Water settled French, broke-material & laid base tock on Gen Sub Superintndt. ancouver Ave Foreman MH between Carpenter Watersettled Steel Worker Laborer 4 to MH 6 4 laying Cem. Finshr. Connected From SE COTAEF Truck Driver excartion W/ Equip Optr 2 9 per inside of MH. #6 Plumber Electrician Set down stub-outr in prepara-For concrete for on base of Crane Optr. **Oiler** NH.A Work Delays: Materials Received: 12 -O Rook . Sand . Official Visitors: W/Comments General Notes: Signed a. Schudt

Job No. 23/12 Emanuel Hospital Urban Renewal - Phase (Location) Report No. 95 Date 4-20-73 Weather P. cloudy Temp. Work Progress: Backfilled MH#4 Stripped Forms From MH#/ Trade No. of Men Gen. Sub. Superintndt. DMH. East of Backfilled of Foreman Carpenter MH#8 Steel Worker inlet Ohn to on Laborer 4 COPART Cem. Finshr. Water settled ditch along N. Est Truck Driver Vancouver between N. Coat & Fargo Stis. Equip. Optr. Plumber Electrician Crane Optr. 01 Ler Work Delays: Materials Received: Official Visitors: W/Comments General Notes: Signed a Schoutt

Job No. 23/18 Emanuel Hospital Urban Renewal- Phase II Report No. 94 Date 4-19-73 Weather Cloudy Тетр. 600 Work Progress: Excavated From MA 6 FSP Trade No. of Men let. Gen. | Sub. Locked 01 steel Superintndt. For decks on Foreman Carpenter 2 ovet 49373 Steel Worker Pakted conc. South brick Laborer 4 # set ting for MH# powed dec Cem. Finshr. Truck Driver Equip Optr. Finished inside of DMH's of Existing Plumber MH on N. Vancouver + Cook St Electrician Crane Optr. Made connection - tap-to Inlet from Oller to Both ends of 14" S.L. on N. T. Vansayver in Exist MH + al Sealed Cook al Exist. un N. Gantenbein Egupment Used Backhoe : Ban Fam F-E Loader , Trojan . Crane Work Delays: Materials Received: Concrete 8 c.V. Official Visitors: W/Comments General Notes: Set on 2 ting open / For MH 2" S.P. Vester day 4-18-73 MH# 14 on N. Fargo. City crew cut Signed a. Schardt Hall

J	ob No. 231	18	
Emanuel Hospital Urban Renewa (Job Name) (I	1- Phase-	T	
Report No. 93 Date 4-18-73 Weather Rain .	showers To	• mp •	550
Work Progress: Poured base on MH. 4		1	
cl-V S.P. From MH# 4 to South.	Trade	No. o	And and a state of the state of
cl- K S.P. From MH# 4 to South	Churchen der Alte	Gen.	Sub.
- Finished invert of MH# 4.	Superintndt. Foreman		
Print and the overt	Carpenter		
-Poured conc. seal in existing 49 X 73" brick S.L. on N. Gantenbein Ave. = 40 SE. of MH.= 4.	Steel Worker	+	
49 X 73" brick S.L. on N. Gantenbein	Laborer	4	
1 ve. 2 70 SE. OF MILL 4.	Cem. Finshr.		
E.T. E. E. Jack an MAH *7	Truck Driver		
4 MH# 3.	Equip. Optr.	17	
£111110.	Plumber		
	Electrician		
	Crane Optr.		
	Oiler	17	
	01101		
		-	
		Control Static Street of	and the second s
98-98-98-88-88-99-98-99-99-99-99-99-99-9		the state of the s	
televisies and the gravity of the set of the set of the data data data data data data data dat		the state of the s	and the second se
		- Charles Barry Division	Ship-date Critican
	allenge – Ballening Glandson Salarinda	and the second se	
	Contraction of the Contraction o		
Work Delays:			
Materials Received: 81 c.y. concrete			
			Contacting and the
Official Visitors:	Construction of the Statement of the Co	The second second second second	and the substrate
W/Comments			
		an de l'aler feature	
			Contraction of the
			-
General Notes: Maintained road X-ings o Y shecked water From overflowing	into yo	ver S. P	AVE
MH*1.			and sold and
	<b>19.4931 (19.19.19.19.19.19.19</b> )		2.
Signed 4.	Schrift	B	be

Job No. 23/18 Emanuel Hospital Urban Renewal - Phase II (Location) Report No. 92 Date 4-17-73 Weather Rain showers Temp. 550 Work Progress: Excavated From MH#2 to Trade No. of Men Gen. Sub. Worked on Forms For MH#12 Superintndt. Foreman Carpenter Used brush grinder Steel Worker Laborer 4 by breaking out 14" S.P. East 8 DM Cem, Finshr. Truck Driver Equip Optr. Plumber Electrician Crane Optr. Ofler Work Delays: Materials Received: Official Visitors: W/Comments General Notes: Used sandbage to keep storm water out of 4. Achait PLK Signed

J	ob No. 2311	S	
Emanuel Houpital Urban Renewa (Job Name)	ocation)	II.	
Report No. 91 Date 4-16-73 Weather Show	Tery Te	• cjine	600
Work Progress: Poured walls on MH. #3	Trade	No. o	6 Vern
on N. Cosk & Vancouver Stis		Gen	Sub
on N. Cook & Vancouver Stis	Superintndt.		
and the second	Foreman		
grind-up brush.	Carpenter		
atind-up brush.	Steel Worker		
J /	Laborer	5	
	Cem. Finshr.		
	Truck Driver		
	Equip Optr	T	
	Plumber		
	Electrician		
	Crane Optr.	T	
	Oiler	and the second diversion of th	
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R Britering in 1999 S. Coll & Balance Mills and an another display and a spectra of the Spectra Content Content			
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in this was to any any provential definition of the Article States in the owner was and an experimental field of the			and the second
Work Delays:			
Materials Received: 6 C.Y. constete			
Official Visitors:			
General Notes:			
			.7/1
Signed 4	Schadt		150

Job No. 23/18 Emanuel Hospital Urban Renewal - Phare II (Job Name) (Location) Temp. 650 Report No. 90 Date 4-13-73 Weather Fair Work Progress: Excavated + laid = 36 of Trade No. of Men Gen | Sub on Forms + tied in Superintndt. Vorked. stea Foreman Carpenter Hauled dift. Steel Worker Laborer Cem. Finshr. Truck Driver 1 Equip Optr. Plumber Electrician Crane Optr. Oiler Work Delays: Materials Received: Official Visitors: W/Commente General Notes: Cleaned up area atound church on SEcor of N. Farga + Vancouver Stir. Signed G. Schult

Job No. 23118 Emanuel Hospital Urban Renewal- Phase TI (Job Name) (Location) 600 Report No. 89 Date 4-12-73 Weather P. claudy Temp. Work Progress: \_Stripped forms on MH.#/ Trade No, of Men Set Former for sider of MH#3 Gen. Sub. Superintndt. Forms For & DMH past of Foreman Je7 Carpenter poureg Steel Worker Laborer 5 Hauled dirt. Cem. Finshr. Truck Driver Equip Optr 2 Plumber Electrician Crane Optr. Oiler Work Delays: Materials Received: Official Visitors: W/Comments General Notes:

Signed G. Alast

Je	ob No. 23/1	P	
Emanuel Hospital Urban Renewa (Job Name)			
Report No. 88 Date 4-11-73 Weather Fair to	vercast Te	• daue	70°
Work Progress: MH. # ( finished setting Forman + poured walls			
Forms & poured walls	Trade	No. o	And and an other statements of the statement of the state
		Gen.	Sub
MIH 3 powed & tinished	Superintndt.		
invert.	Foreman	1/	
MH# 3 powed & Finished invert- Hauled away dirt.	Carpenter		
	Steel Worker		
	Laborer	5	
	Cem. Finshr.		
	Truck Driver	1/	
	Equip. Optr.	2	
	Plumber	and the second	
	Electrician		
	Crane Optr.		
	Oiler	17	
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<u>#####################################</u>	an Alaum agustan basan dan menganakan dan dan gera ba	-	
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<b>#####################################</b>		Contraction of the second	
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	in - Soli - In Shikara - U- Indones Ianta-Anton		
Work Delays:			
AND A DESCRIPTION OF A			
Materials Received: 16 2 CLY. CONC. tete			
To concircle			
	de follinde fallant filman Gebrypense verse		
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Official Vicitors	Be orderen state and the second state for		
Official Visitors:			
W/Comments			No. of Concession, Name
	Charles and a state for a spin-ter		
		-	
Conomal Nations ( ) # 8/ 7 7 7	11121		-
General Notes: City Photo, took picture's of	MH	-	
/ /		and the second second	

Signed L. Schadt

Jo	b No. 23/18	2	
Emanuel Hospital Urban Renewal (Job Name)			
(Job Name) (Lo	ocation)		
Report No. 87 Date 4-10-73 Weather Fair	Te		700
Work Progress: Norked on building forms for MH. # & granted joints an 72" S.P. between MH # & MHU# 3.			
for MIH. # 9 granted joints an 72" S.P.	Trade		f Men
between MH#14 MHH 3.	Charles H.	Gen.	Sub
Hayled away dirt.	Superintndt.		
	Foreman		
	Carpenter		
n a de la serie d	Steel Worker	-	<u> </u>
	Laborer	5	
	Cem. Finshr.		
	Truck Driver		
	Equip. Optr.		
	Plumber		
	Electrician		
	Crane Optr.		
######################################	Oiler	1/	
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ant de arte de la construction de la const	and an all a particular instantiation of a design for the		
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	which community outputs the appro-		
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Work Delays:			
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Materials Received:		-	and the same lines.
TRUCTIALD ROUTING.			and the second se
	an fellular bille and the data spectra to serve		
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Official Vistome		Carlo State of Log Day	anton antonia
Official Visitors:			And the owner of the owner owner owner owner owner owner ow
W/Comments			and search of programs.
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General Notes:		-	
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	anto-auto-distanti di kur tana ana dagila	tinte construction	
BORBS SEASON & CONTRACTOR OF A CONTRACTOR OF STREET, AND A ST			
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	E.		

Signed 4. Schudt

Job No. 23/12 Emanuel Hospital Urban Renewal - Phase II (Job Name) (Location) Report No. 86 Date 4-9-73 Weather P. cldy w/overcast Temp. 65° Work Progress: Excavated on West side of MH. 3, + set one piece of 72" S.P. in M.H. shaft. Trade No. of Men Gen. Sub. Worked on Forms For MH. #1 Superintndt. Foreman Hauled diff. Carpenter Steel Worker Namtained N. Vancouver Are. Laborer 5 Cem. Finshr. łZ K-Ina 5 Truck Driver Equip Optr 2 Plumber Electrician Crane Optr. Oiler Work Delays: Materials Received: Official Visitors: W/Conments General Notes:

Signed L. Schudt

Jo	b No. 2311	£	
Emanuel Hospital Urban Renewal	- Phase _	T	
Report No. P5 Date 4-6-73 Weather P. clou	dy Te		590
Work Progress: Poured base - after setting forms ftying steel - For MH#3			
Forms Y tying steel - For MH#3	Trade	No. o Gen.	Sub
Hauled dirt.	Superintndt.	Gome	June
MANY SAL UNCK	Foreman	17	
<u>ŎĊŧĦŦĨŦŎĸĬŊŎŦŧĸŎŧŦĸijŎĸĸŎŎĸĸŎĬĸĸŎĬĸĸŎ</u> ĸĸŎĸĸŎĸĸŎŎĸŦŎĸĸŎŎĸĬĬŎĸŎŎŎĬĬŎĸŎŎŎĬŎŎĸŎĬŎŎŎĬĬŎŎĬĬ	Carpenter	+	
	Steel Worker		
****	Laborer	4	
	Cem. Finshr.		
<u>Billion and a substantiation of the state o</u>	Truck Driver	17	
	Equip Optr	1	
<del>Mar and an and an analysing the last to a term of the last to be an and the first the last to be and the last to be an an an and the last to be an an an an an and the last to be an </del>	Plumber	1	
ver er finden e date e hatelen ha tie hander ende den den her i date i den de service ender i de service e serv	Electrician		
	Crane Optr.	1	
	Oiler	1/	
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			and strength of the
		No. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10	
	and the state of the little state of the littl	to make a state of	
	the solution of the second		
Work Delays:			
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VIJI BUILT TA			
Materials Received: 7.6 C.y. of Concrete.			
		Call in General State	
Official Visitors:	ten, den en setato britana as una da		and alter Construction Date
W/Comments	n agusta (Bullis Industri - Nord Interior Interior		
General Motes: The bottom - = 3' wide along T	1. Kl- 11		C FI
General Motes: The bottom - 2 3' wide along T 73 X49 Brick S.L. Fell out while The	10 110W 118	110	ine
material underneath.	MEA WEFE	41991	9 0 40
MULEFIAI, UNGUNCAIN.			
		Sector Providentia	
	ե		

Signed a. Selat

Jo	ob No. 23/10	P	
Emanuel Hospital (Ithan Renewal - P (Job Name) (Lo			
(Job Name) (Lo	cation)		
Report No. 84 Date 4-5-73 Weather P. clou	dy Te	emp6	50
Work Progress: Excavated & worked on shaft	-		
shoring on MH.#3	Trade	No. o	
		Gen.	Sub
Poured concrete For invert-to	Superintndt.		
Spring line on MH.#	Foreman		
	Carpenter		
Hauled dirt	Steel Worker	<u> </u>	
******	Laborer	5	
	Cem. Finshr.		
	Truck Driver	1	l
	Equip Optr	2	
	Plumber		
	Electrician		
	Crane Optr.		
	Oiler		
	and the second se		
Work Delays:			
Materials Received: 11 cu. yd.s. concrete			
	ta data ta dage di strata padatan dage sta		Contractor Contractor
Official Visitors: W/Comments	1999 - 1997 -		
General Notes: Water Funning into shaft From	South End of	MH	3.
		1996 - 1997 - 1996 - 1996 1996 - 1997 - 1997 - 1997 - 1997	
	11		

Signed 4. Achardt

Jo	b No. 2311	P	
Emanuel Hospital Utban Renewa (Job Name) (Id	p/- Phase potential phase potential phase phas	re Z	
Report No. 83 Date 4-4-73 Weather Fait	Ţ	emp	70°
Work Progress: Continued excavation at	Trade	1 We	f Men
- MA S	Trade	And the second s	And the second s
Trench For MH#1	Change of the Alt	Gen.	Sub
Trench For MH 41	Superintndt.		
	Foreman		
Hauled away ditt.	Carpenter		
	Steel Worker	-	
	Laborer	5	Contractor of the second
	Cem. Finshr.		-
	Truck Driver		
	Equip. Optr.	2	
	Plumber		
	Electrician		
	Crane Optr.	1	1
	Oiler	17	
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	and the state of the second state of the second	ł	
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	and the second second second second second second	The second	
AND DECEMPENDED AND ADDRESS OF A DECEMPENDED AND A DECEMPENDED ADDRESS			
			Contractor Constanting
		and an other states of the states	
Work Delays:			
Materials Received:	and the second		
		and the second second	
			and other data in the second
	ter an entry of the state of the state		
Official Visitors:			Internet Generations
Official Visitors:			
W/Comments	anage and the No. of the Alternation of the Alternation		Distant and second and second
		and some on the same of the later.	
		Budothe ortes	
General Notes: Maintained X-ings on N. Van	couver	-	
/	Contraction on the Instantion	and the second se	
		and the second second	
	1111		

Signed 4. Schadt

Job No. 23/18 Emanuel Hospital Urban Renewal - Phase II (Location) Report No. 82 Date 4-3-73 Weather Fair Temp. 700 Work Progress: Excavated + set shoring for Trade No. of Men s fat sides on MH.# Gen. Sub. SPIC Superintndt. forms Hauled away Dirl Foreman Carpenter Steel Worker Laborer 75 Cem. Finshr. Truck Driver Equip. Optr. Plumber Electrician Crane Optr. Oiler Work Delays: Materials Received: . Official Visitors: W/Commente General Notes:

Signed G. Schutt

PROGRESS REPORT Job No. 23/18 Emanuel Hospital Urban Renewal-Phase II Report No. 81 Date 342-73 Weather Fair-Тетр. 55 ° Work Progress: Removing Forms & backFilling on 15" DMH; Poured e Trade No. of Men Gen. | Sub For MH + 1, Poured concrete at 4:30pm Superintndt. Foreman Harling away ditt. Carpenter Steel Worker Laborer 4 Cem, Finshr. Truck Driver Equip. Optr. Plumber HE Loader, Trojan Equipment Electrician Crane Optr. Backhoe . Tam Non Oiler Crane : ino Work Delays: Water From 73 x 49" S-L. in ditch at Materials Received: COACT ete 5% C.Y. Official Visitors: W/Commente General Notes: Union local # 701 representative stopped operator of backloe from Working until Foreman got an oiler & :30 pm. Signed G. Schutt

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J	ob No. 231	IP	
Emanuel Hospital Urban Renewal-	Phase II		
Report No. 80 Date 3-30-73 Weather Rain St	lowers Te		-65°
Work Progress: Poured deck For 15" PMH-			
the second s	Trade	Constanting of the local division of the loc	f Men
Hauled away dirt.	Superintndt.	Gen.	Sub
Walked in abenching MH	Foreman	+	
Area for Forms: preparing MH.	Carpenter		
- Cleaned Pexcavated material	Steel Worker	+	
- Cleaned & excavated material - Attempted to set-in, cut	Laborer	4	
72" pipe section but had to	Cem. Finshr.	F	
set it outside ditch: See Below	Truck Driver	1/	
	Equip Optr	1	
8780746-9880	Plumber		
	Electrician		
	Crane Optr. Oiler	+	
	ULLEF	+	<u>↓</u>
		+	
		1	
	Januar ann an Annapartin Isanis Statistica Balancia anna an	and a second	
		Conduction of the second	
8 10 10 10 10 10 10 10 10 10 10 10 10 10			
	Contract of the second s		C C C C C C C C C C C C C C C C C C C
			to be a sure that the sure of
Work Delays: 72" S.P. cut to Fit, next to Fit into bell of 1st pipe laid due The S.P. 's are chak at a different Materials Received:	MH.#/ WO to misfit b t run or	ell &	not spigot size.
Official Visitors:			
Meneral Notes: Contractat intends to pour Writed to join mis fit pipe section	a constructions. at MH.7	tign	Joint
	<i>R a</i> ' <i>i</i>		

G. Scheidt Signed

ot	b No. 2311	8	
Emanuel Hospital Urban Renewal-Phase II (Job Name) (Location)			
Report No. 79 Date 3-29-73 Weather Rain s	thowers Te	mp. <u>92</u>	2-52
Work Progress: At 15" DMH removed Old brick S.L 73 X49" & began setting Forms & tying steel for deck.	Manual Concerns the Difference		
0/4 ptick S.L 73 "X49" + began	Trade	And the second s	fMen
setting forms & tying steel for deck.	Superintndt.	Gen.	Sub
- MAR 2 Filitad daila 2	Foreman		
set do-hat rings onto Precast Conc Cone	Carpenter		
man de de filige dalle filige dalle de conte conte	Steel Worker		
Hauled away ditt.	Laborer	4	
man a man man fall to the of the the fair the second	Cem. Finshr.		
	Truck Driver	17	
	Equip Optr	1	
	Plumber		
	Electrician		
	Crane Optr.		
Bellin denne het en	Oiler		
	anti-constant interaction and an operation		
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	an turner diskontarter protisinet again before		
	arde-krainin		
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Work Delays:			
Materials Received:	4-945-556-9-9-55-58-58-585-585-585-585-585-585-58		and the second second second
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	and the second state of th		
	and the second secon		
Official Visitors:			
W/Comments			
		Same Balance and	
General Notes:	en de la company de la comp		the second second

Signed G. Schadt

Job No. 23/18 Emanuel Hospital Urban Renewal- Phase II (Job Name) (Location) Report No. 72 Date 3-28-73 Weather P. cloudy Temp. 55° Work Progress: Poured concrete for 15" DMH rider at 3:45 p.m. Trade No. of Men Gen. | Sub. Crew worked on Finishing Superintndt. Foreman Carpenter Hauled away = 150 cuy ds. Steel Worker Laborar Cem. Finshr. Truck Driver Equip. Optr. Plumber Electrician Crane Optr. Oiler Work Delays: Materials Received: Conchete 8 c.y. w/ 32 Slamp Official Visitors: W/Commente General Notes: Main lained X-ing's an N. Vancouver St between N. Cook & N teject Bravel . Mortiss. W/ Rivergate ALCa. Lom DMH location of steps on Soul Gnoed From The side to the West side - near SW comer - in order to turn the conc. cone section & by-pass a 6" water line

Signed a. Shutt

Job No. 23/18 Emanael Hospital Urban Renewal- Phase II (Job Name) (Location) Report No. 77 Date 3-27-73 Weather Showery Temp. 50° Work Progress: At 15" DMH set in steel & Forms For walls. Trade No. of Men Gen. Sub. Hauled away dirt = 200 c.y. Superintndt. Foreman Carpenter Steel Worker Laborer 2 Cem, Finshr. Truck Driver Equip Optr Plumber Electrician Crane Optr. Oiler Work Delays: Materials Received: Official Visitors: W/Comments General Notes: Signed a. Schudt

Job No. 23/18			
Emanuel Hospital Urban Renewal- Phase II (Location)			
Report No. 76 Date 3-26-73 Weather Claudy	1showers Te		55°
Work Progress: Hauled away dift.		1	A 14
Pouted 15" DMH diversion section of base to west of 49% 13" brick S.L.	Trade	Contraction on the local division of the loc	f Men
Pouted 10 DMH diversion	Superintndt.	Gen.	Sub
Section of base to west of TIX 13" BHICK	Foreman		
OPC	and the second se		
	Carpenter		
	Steel Worker		
₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩	Laborer	3	
	Cem. Finshr.		
	Truck Driver		
	Equip Optr	1/	
	Plumber		1
	Electrician		
	Crane Optr.		
	Oiler		
		1	
	84		
			and the second second
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	and a statistic distance was served		Contraction of the local division of the
Birdin - Marsheller, Marsheller, Statester, and the surger statester and statester and statester and statester			
# 1989 & Martin Male (1997) 2019 - Andrew College - Andrew Argenter (1997) (199			and an order that a
Work Delays:			
Matarials Received: 2 04		Ann - 100 - 100 - 100	
Materials Received: 2 CU. yd.'s of concret.	е.		
and a second of the second			
and a second distribution with a sub-sub-sub-sub-sub-sub-sub-sub-sub-sub-			Contraction of the Owner.
Official Visitors:	iii na dalimini a ta'a bili ingan song ti		and or a little little little little
W/Comments	an in the second se	the transmost	
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General Notes:	and a second	and the second street of	Contraction Contraction Contraction
Signed G.	Schordt		
DTRueg		-	

Job No. 23/12			
Emanuel Hospital Orban Renewal - Phase II (Job Name) (Location)			
Report No. 75 Date 3-23-73 Weather Fait	Те	- din	50
Work Progress: Poured deck on MH.#2 4 poured concrete on east side of 15" DMH on N. Gantenbein Ave-	Trade	No o	f Men
15" DMH on N. Gantenbein Ave-		Gen.	Sub
	Superintndt.		
Hanled dift = 200 cu yds	Foreman		
	Carpenter		
	Steel Worker Laborer		
	Cem. Finshr.	4	
	Truck Driver		
manun epelerinteran erabelan beranden erabelerinteran erabelerinteren ihre eraberen die eraberen die eraberen erabeten	Equip. Optr.		
₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩	Plumber		
	Electrician		
	Crane Optr.		
	Oiler		
	Provident and the state of the second state		
	ar - Gerle al fan de la comp de Gerle - Gribe		
	والمروانية المراجع والمرد بالمكامل معادي والمراج	Designation of the second	
			Contraction of the local difference
			and a second sec
Work Delays:			
	and the second second second		
Materials Received: Conchate Zoulds Z"	Tun D		and the second second second
Materials Received: Concrete 7.cu. y ds. 2" slump.			
Official Visitors:			minter - Parlineting
W/Comments			
General Notes:			
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	the Canada de la constante de la		

Signed 4. Schutt

J	ob No. 23//	P	
Emanuel Hospital Orban Renewal - Phase - II (Job Name) (Location)			
Report No. 19 Date 3-22-73 Weather Gen. Fai		mp	50
Work Progress: Poured concrete at 15" Div.M.	Н.	ं	
	Trade	-	f Men
tied steel.		Gen.	Sub
Fied steel.	Superintndt. Foreman		
	Carpenter		
Hauled dut.	Steel Worker		<b> </b>
an ann an Salaine Connan a' ghachtar, ann an sa dtur an t-gAn talaidhn an Ruisean an banangarl an dùrann a bhaan	Laborer	11	
	Cem. Finshr.	4	
	Truck Driver	+	
anna a tha an Salarana an anna an ann an ann an an an an an	Equip. Optr.	17	+
	Plumber		
	Electrician		
Ministerie Balles des une schrötze Ball des eine eine zureit. Zu der Ball die Minister Ann eine Belars Pittelt B	Crane Optr.	1	
	Oiler	+	
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	ere one ar and de la lade de lade de lade	A-10-	
Work Delays:	an a chailte a Bailte a Chailte a Chaile a chailte an An Ann An Ann		
Materials Received: Conchete 7. Cu.y.d.	A - Los Anton provincia de la Apple Colo	And a state of the	
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Official Visitors:			
W/Comments			In the second second
Concerned Western			
General Notes:			

Signed a. Schudt

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JC	b No. 23/1	P	
Emanuel Hospital Urban Renewal	- Phase	T	
Report No. 13 Date 3-21-73 Weather Fair to	,		55°
Work Progress: At-MH#2 bailt Forms For			
LOUG & dool	Trade	No. o	f Men
-DMH"15 m Ganterbein		Gen.	Sub
cemented 15" steel pipe to 15" C.S.P.	Superintndt.	17	
cemented 15" steel pipe to 15" C.S.P.	Foreman		
	Carpenter		
	Steel Worker		
	Laborer	11	
	Cem. Finshr.	4	
	Truck Driver		
	And the second sec		
	Equip Optr	1/	
and the second	Plumber		
	Electrician		
	Crane Optr.		
	Oiler		
		1	
	And the second se	Contraction of the local division of the loc	deserved and
<u>ՠ֎֎֎֎֎֎֎֎֎֎֎֎֎֎֎֎֎֎֎֎֎֎֎֎֎֎֎֎֎֎֎֎֎֎֎֎</u>	an an sa ta fan staar wat wat de staar te staar de staar	Chan amagine	a desta de la constante de la c
	and the state of the second	Contraction Continue Contraction	
	a de la companya de contra de la companya de la com	Contraction of Contract	
544554-0-0-994-04. Alexandratic Stationary - 20-0-9-202020-000-0-0-0-0-0-0-0-0-0-0-0-	and the state of t		
	in an investigation of the state of the backwards	Barlinds and Same	
Work Delays:			
	the second s		ter et al la di
Materials Received:	4.975-50-50-500-500-500-500-500-500-500-500	And a conservation of	And Advertise of the Party of t
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	and a state of the local difference of the		No. of Concession, Name
Official Visitors:			
General Notes: Equip. Oper. quit = 2 hts. ed	tlv.		
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		and a state of the state of the	
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Signed 4.	Schult	r	

Job No. 23/18 Emanuel Hospital Urban Renewal - Phase II (Location) Report No. 72 Date 3-20-73 Weather Cloudy y showers Temp. Work Progress: Poured Inverton MH#2 - + concrete up to spring line=2:30pm. Trade No. of Men Haufed dift off project area. Gen. Sub. Superintndt. Foreman Carpenter MH. Crew worked in shaft for DMH on N. Gantenbein Are. Steel Worker Laborer 4 Cem. Finshr. Completed Catof72" section for MH." 1 Truck Driver Equip Optr Plumber Electrician Crane Optr. 01ler Work Delays: Concrete 42 c.y. Materials Received: Official Visitors: W/Comments General Notes: Ble Signed G. Schadt

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Job No. 23/18			
Emanuel Hospital Utban Renewal- Phase II (Job Name) (Location)			7
Report No. 71 Date 3-19-73 Weather Show	rety Te		500
Work Progress: Worked on setting Forms & steen	Trade	No. o	f Men
		Gen.	Sub
C.H. Zah C.P. F. J.	Company and a day	Gen.	300
, walking 12 pit tor place	Superintndt.		
ment adjacent to MHAL. For place-	Foreman		
The ball of the second se	Carpenter		
	Steel Worker		
	Laborer	4	
New York Control of the second state of the second second second state of the second state of the second	Cem. Finshr.	1	
	Truck Driver		
	Equip Optr	1	
	Plumber		
	Electrician		
	Crane Optr.		
	Oiler		
	Construction of Collection and Collection States and Address		
	an de generale militales d'an de la desta de la de		
	annen der Millande untersterne Samer Jahren der sind der		1-1
	Antonio (anno 1971) an teo 2016 a di Anno 1971		
urtgesen de Baltere de Balter, du belande en de de stadiet en en de service and an ander general and and and an ander baltere and a			
		Concerning of the set	Charles and a second
		and the surface of the	
Billion die der unter in den anteren werden sterreten die die oder overgenzen die freuden. Bie der Alledie en vors privite			
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ence a parmeter statement of the contract and approximation of the colored of the colored of the colored of the		della constanti della	
Sander and Allender and a second a Charlenge and the same production databased are a space with the second state			
Work Delays: Water - sewage - leaked, int MHT + had to be pamped out. Materials Received:	o ditch,	анбил	d
			and the local division of the local division
Official Visitors: W/Comments			
Reneral Notes: Visquine & pluwood sealing old 73 x 89" Mon. S. Z. at MH#/ wa neighbothood children knocked out bro in place.	invert in stemoved	side whe ng p	of Tywdod
Signed G.	chaidt	BE	4

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	Job No. 23/1	P	2
F . 11 N 1 1 1 1	/	1	7
Emanuel Hospital Urban R (Job Name)	enewal - Pha.	50 11	
Report No. 70 Date 3-16-73 Weather C	loudy w/showers To	emp	550
Work Progress: Poured lower section o base for MH. #/ at 11:00 am.			
base for MH. #/ at 11:00 am.	Trade	No. o	f Men
		Gen.	Sub
Marked on Ferma for wal	/ Superintndt.	12	
on MH42.			
	Carpenter		
8	Steel Worker		
BAR MILLING THE BAR & STREET BE DESCRIPTION OF THE OWNER WAS DESCRIPTION.	Cem, Finshr.	4	
Managan Sala Sala Sala Sala Sala Sala Sala Sa	Truck Driver		
	Equip. Optr.	+	
	Plumber	+	+
	Electrician		
	Crane Optr.		
	Oiler		
Balle Chilesen mennen State Chilesen and Antonio Chilesen (1995)		1	
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Man Str. Of P. Billion and A. Stranger, Str. Concerns on the Stranger Strange			
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When the second statement to the second statement to be a second statement of the second statement of			
Work Delays:			
Materials Received: 7 C. J. of concret	e w/ 15 slo	amp.	
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	and the second second second second second second		
Official Visitors:			
W/Comments			
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General Notes:			the state of the second
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	en geld Griffe i en Water alle transmission en		
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		K	M/
	a. Selant		4C
Signed	u. achardt	-	

Signed

Job No. 23/18 Emanuel Hospital Urban Renewal- Phase II (Job Name) (Location) Report No. 69 Date 3-15-73 Weather Fair Temp. 60° Work Progress: Worked excavation + Forms Trade No. of Men Gen. Sub Superintndt. Foreman Carpenter Steel Worker Laborer 3 Cem. Finshr. Truck Driver Equip. Optr. Plumber Electrician Crane Optr. Oiler Work Delays: Materials Received: Official Visitors: W/Comments General Notes: Blk Signed a Schardt

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Emerged Hospital Utban Renewal (location)       Phase.         Report No. 68 Date 3-14-73 Weather Showery Temp. 550         Work Progress: Padted base For MH#2         72% x y? Arick Sile to West of MH#2         Superinted base for MH#2         Carpenter         Superinted base for MH#2         Trade No. of Yen         Carpenter         Superinted base for MH#2         Trade No. of Yen         Carpenter         Superinter         Superinter         Carpenter         Base         Carpenter         Base         Carpenter         Steel Worker         Laborer         Equip Optr.         Plumber         Electrician         Crane Optr.         Oiler         Work Delays:	Job No. 23/12
Report No. 68 Date 3-14-73 Weather Showery Temps. 550         Work Progress: Poured base For MH# 2	an Renewal - Phase II (Location)
Work Progress:       Pouted base For MH <sup>2</sup> /2         Sealed up ald hole made mit       Gen. Sub         M/ steel bars t concrete       Scaled Worker         Edited bars t concrete       Carpenter         Steel bars t concrete       Carpenter         Edited bars t concrete       Plusber         Electrician       Crane Optr.         Oiler       Oiler	
Sealed up old hole made mit     No. of Men       132'z'x 49" brick Sile To West of MH2"     Superintedt.     Superintedt.       bij steel bars + concrete     Foreman     Carpenter       Cem. Finshr.     Truck Driver     Equip. Opt.       Pluabor     Filectrician     Crane Optr.       Oiller     Oiller     Oiller	
Sealed up old hole made mit       Gen. Sub.         13'2'x 49" prick SiL. To West of MH*       Superintat.         b/ steel bars t concrete.       Forman         Can, Finshr.       Truck Driver         Equip. Optr.       Pluzber         Electrician       Crane Optr.         Oiller       Oiller	Trade No. of Men
Z32*x Vf" Brick SL. To West of MH#       Superintndt.       /         w/_steel_bars t concrete.       Foreman       Carpenter         Steel Worker       Laborer       #         Cen. Finshr.       Truck Driver       Equip. Optr.         Plumber       Electrician       Crane Optr.         Oiler       Oiler       Oiler	The design of the second se
b/ steel bars t soncrete.     Forman       Carpenter     Steel Worker       Laborer     ////////////////////////////////////	
Carpenter         Steel Worker         Laborer         Cem. Finshr.         Truck Driver         Equip. Optr.         Plumber         Electrician         Crane Optr.         Oiler	the second se
Steel Worker         Laborer         Cem. Finshr.         Truck Driver         Equip. Optr.         Plusber         Electrician         Crans Optr.         Offer	The first of the design of the design of the second s
Laborer & Cam. Finshr. Truck Driver Equip. Optr. / Plumber Electrician Crane Optr. 01ler	
Cen. Finshr.         Truck Driver         Equip. Optr.         Pluaber         Electrician         Crane Optr.         Oiller	
Truck Driver Equip. Optr. / Plumber Electrician Crane Optr. 011er	
Equip. Optr. / Pluaber Electrician Crane Optr. Oiler	
Plusber Electrician Crans Optr. Oiler	the second se
Electrician Crane Optr. Oiler	
Crane Optr. Oiler	
Crane Optr. Oiler	Electrician
	Crane Optr.
Work Delays:	An and the second se
Work Delays:	
Materials Received: Concrete 4/2 cu. yds. 4 32" Slump.	2 cu. yds. w/ 32" Slump.
Official Visitors:	
W/Comments	anna an an bhlian ailte ann an an an ann an ann ann an ann an a
	a de la companya de l
A A A A A A A A A A A A A A A A A A A	Added the second s
General Notes: Broke into old brick S.L. al MH+/-by accident besalting in sewage ranning out finto ditchi	Fick S.L. al MH+/-by accident aut tinto ditchi
Signed a Schadt Blk	imed a file the Black

Job No. 23118 Emanuel Hospital Urban Renewal- Phase - II (Location) Report No. 67 Date 3- 13-73 Weather P. cloudy W/showers Temp. 55° Work Progress: Set in Forms & tied steel bars for base of MH# 2 Trade No, of Men Gen. | Sub. Superintndt. Foreman Carpenter Steel worker Laborer 4 Cem. Finshr. Truck Driver Equip Optr. Plumber Electrician Crane Optr. Oiler Work Delays: Materials Received: Official Visitors: W/Commente General Notes: Maintained N. Vancouvet Ave. w/ gravel 3/4-Signed a Schadt

Job No. 23118 Emanuel Hospital Urban Renewal - Phase II (Job Name) (Location) Report No. 66 Date 3-12-73 Neather Showery Temp. 55 Work Progress: Excavated & laid in connection to Existing MH. to South of MH.# 15-No. of fen Trade Gen. Sub. Superintndt. Excavated + laid 6" S.P. between MH# 7 at 25"x6" T' sta. 1+3/ S.P. at 7.5 Deep w/curb sta. H35 Foreman MH 6Y MH Carpenter Steel Worker Spcs. S.P. Laborer 4 Cen. Minshr. Truck Driver Stacked DMH to MH 7 & Fin ished conc. work inside. Fquin. Cotr. 2 + laid 31.5' of 10" S.P. Plumber Electrician Crane Optr. filer 1 Work Delays: Materials Poceived: Official Visitors: W/Comments General Motes: signed a Schadt

Job No. 23118 Emanuel Hospital Urban Renewal-(Job Name) (Location) Report No. 65 Date 3-9-73 Weather Showery Temp. 55° Work Progress: Excavated + laid 55' of 10" C-14X S.P. Thre MH#9- W/conc. plag at Trade No. of Men Gen. Sub. end Superintndt. Excavated + laid remaining 15" C- 18X S. P. into MH4 8 Foreman Carpenter Steel Worker Excavated + laid 6"S.P. For laterals Laborer 4 Cem. Finshr. MA Be Eween: Truck Driver 45 4. 5'below curb 10, Equip Optr 2 5. Bend Plumber 5.5 1.8 Electrician 7 B. cut Crane Optr. of Bend S. P. XI 01ler 11 11 S.P. 41. In Bend 6 01 MH= P + MH= 9. Equipment Used. Bantam: Backhoe Thaian: F-E. Loadet At MH & P set in 3 stubouts For existing C. Bis Work Delays: Gas Co. crew started = 9:30 cutting 4"like Materials Received: Sand fill, Rock Concrete 3/2 c.y. Official Visitors: W/Comments General Notes: Gar Con Ent Y" line the MH" F Hench MH#P + MH#9 ksilled beFLeen sand signed G. Schadt

Job No. 23118 Emanuel Hospital Utban Renewal- Phase IL (Job Name) (Location) Report No. 64 Date 3-8-73 Neather Cloudy Temp. 600 Work Progress: Excavated & laid 119 9F 15" C-14X S. P. - P. North of MA#P No. of fen Trade Gen. Sub. laid 120 of C-14X S.P. From MH# Superintndt. y Foreman Carnenter at sta. 1+32 between MH.# 7 Steel Worker Laborer 5 Cen. Minshr. × 6" 9 MH# Laid 10 Y's at 0+1440+795 Truck Driver between MH# P Fquin. Ontr. Plumber Tlectrician Crane Optr. ∩i⊥er Work Delays: Gas Lize they MH. #8. 'faterials Poceived: Official Visitors: W/Comments General Notes: Signed a. pladt

Job No. 23/18 Emanuel Hospital Orbon Renewal- Phase-IL (Job Name) (Location) Report No. 63 Date 3-7-73 Weather P. cldy to Sunny Temp. Work Progress: Finished excavation & laid ap to MH#1 Trade No. of Men Gen. Sub. due to proximit Superintndt. 012 Foreman Carpenter Excavated & laid = 120'of Steel Worker S.F Laborer 5 Cem. Finshr. K# at Sta. 1+065 15 X 6 Truck Driver Laid Equip Optr. 3 etween Plumber Electrician 2- 12:30 pm DMH to MH Poured Crane Optr. 01ler H to MH # 6. MH to MH Sand; 34"-U Rock, Concrete Work Delays: Materials Received: Official Visitors: W/Comments General Notes: Moved in Bantam : Backhoe & Moved out Lorgin -G. Schuitt Signed

Jo	b No. 23/1	8	
Emanuel Hospital Urban Rene (Job Name) (Lo	$\frac{wal - Phy}{cation}$	50~	Π
Report No. 62 Date 3-6-73 Weather P. clo	udy Te	• م	60°
Work Progress: Stacked rings For MH.# 5	Trade	No, o	f Men ]
		Gen	Sub.
Set = 24×6 T at Ste 1+31	Superintndt.	00110	
between MH# 6 & MH# 7. (12 Deep)	Foreman	<u> </u>	
permeen mille of mille freep	And the second		
	Carpenter		
man an in the second	Steel Worker		
cl-IV, 24" S.P.	Laborer	5	
, 24" S.P	Cem. Finshr.		
	Truck Driver		
	Equip Optr	3	
P" C.S.P. Fot DMH to MH # 7.	Plumber		
P" C.S.P. Fot DMH to MH # 7.	Electrician		
nan an	Crane Optr.	1	
######################################	Oiler	17	
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	and the second statements		
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	ny Carthyadronda a strange tardense diritar	Sector Barrison - B	the distance whereas
	and the constraint of the second s		and the second second
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	Course Installant and a state of the second state		And and a state of the
		-	
Work Delays:			
WOLK Delays:			
		Anno-101100-000-00	
Materials Received:			
The second s			
			No. of Concession, Name
Official Visitors:		a star in star and a star	
W/Comments			
Bittlemented by a state of the big the the		and the second second	
		August Duran Barthala	
			and the second second
General Notes:			1
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Signed a. Schoudt

Job No. 23/18 Emanyel Hospital Urban Renewal - Phase II (Location) Report No. 6/ Date 3-5-73 Weather Cloudy. 550 Temp. Work Progress: Poured base For MH#5 Trade No, of Men Gen. | Sub. in tings & iron inished base of Superintndt. MH# Foreman Carpenter Excavated + laid Steel Worker pcs. of 5 Laborer Cem. Finshr. Truck Driver Excavated for DMH Fto MH Equip. Optr. 1H# 15 .: See Gen. Notes 7 Plumber Electrician Crane Optr. Oiler Work Dalays: Broken water to sewer lines. Materials Received: Concrete = 32 C.Y. Sand & Bedding Rock Official Visitors: W/Comments General Notes: roke ing anc. 0 Montoe DLODOVEO ocal 'e Signed\_ a. Schadt

Job No. 23/18 Emanuel Hospital Urban Renewal-Phase II (Job Name) (Location) Report No. 60 Date 3-2-73 Weather P. cloudy ... "emp. 60° Work Progress: Pour ed concrete DMH to East of MH# 8 No. of fen Trade for MA 26. Gen. Sub. Superintndt. Foreman Carpenter Steel Worker Laborer 5 Cea. Minshr. Truck Driver Fquin. Ontr. 2 Plumber Tlectrician Crane Optr. Ciler 1 Work Delays: laterials Poceived: Sand Official Visitors: W/Comments General Motes: On 3-1-73 super. shut down job Ylaid-of men due to heavy rain tor return maintain roadway, in ab he afterhoon -Called man came ke a es I on Conrt ONP. 4 one stub-out Set-in u Signed and Schart H

J	ob No. 23//	P	
			17
Emanuel Hospital Urban Renew (Job Name)	ocation)	SE-	
Report No. 59 Date 2-28-73 Weather Clou	Te Te	amp	2
Work Progress: Excavated From MH.# 5			
to MH, #6 and laid 15 per of cl-TV	Trade	No. o	f Men
30" diam S.P.		Gen.	Sub.
the formation of the second se	Superintndt.		
Eat, DMH on N. Fargo St. neat	Foreman Carpenter		
MH# 19 Ch I hargo St. hear	Steel Worker		
and the had not and the state of the second of the second second second second second second second second second	Laborer	5	
	Cem. Finshr.		
	Truck Driver		
	Equip. Optr. Plumber	3	
	Electrician		
Bartenenin Barta (ann ann ann ann ann an ann an Arma, 3 Achdan Saidhan Ann an Ann ann an Ann ann ann ann ann	Crane Optr.		
	Oiler	1/	
		1	
8998944-4788-994-4788-474-484-474-48-474-49-48-474-49-47-49-474-49-48-48-49-48-48-48-48-48-48-48-48-48-48-48-4		-	an a
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			-11
Work Delays: Caring of ditch adjacent 7	o & North	of	14.6
		Aller and a street of	
Materials Received:		All Contraction of	
Materials Received: Sand			c <sup>7</sup>
	an bedar an angularge des gas i barge des an		
Official Visitors:			
W/Comments			and the control of the second
General Notes:			
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	11.11	1	
Signed 4.	Mader		

oť	b No. 23/1	P	
Emanuel Hospital Urban Ren (Job Name) (Lo			77
Report No. 58 Date 2-27-73 Weather Cloudy	. Te	<u>س</u> •	55.°
Work Progress: Excavated From MH# 5 to MH#6# Taid 12 pcs- of 30" cl-	Trade	No. o	f Men
S. P.		Gen.	And the second se
and a start of a second a second s	Superintndt.	17	
	Foreman		
######################################	Carpenter	1	
	Steel Worker		
	Laborer	4	
Pare. Breaker: Atrow	Cem. Finshr.		
Backhee: Lorain	Truck Driver	17	
F-E Laadet: Cat Equipment Used	Equip Optr	2	
JE Eddiver Care paynyment ares	Plumber		
and the second	Electrician		
	Crane Optr.	1	
######################################	Oiler	17	
	annan tide A find-specials in the large factor		
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	and the state of the		
Work Delays:		11. <b>1</b> 11	
Materials Received:			
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			and the second diversion of
Official Visitors:			
W/Comments			
General Notes:			
			and a state of the
			14

Signed G. Schadt W

Emanuel Horpital Othan Renewal - Phase II         (Job Name)         Report No. 5/ Date 2-26-13 Weather Rain showers Temp. 60°         Work Progress: Excavated From MH. 44         S.F.         B.S.F.         Pluebore         Pluebore         Pluebore         Pluebore         Pluebore         Pluebore         Stemed         Work Delays:         Mork Delays:         Mores:         Place         Mores:         Place         Mores:         Pl		Job No. 231	18	
Work Progress: <u>Excavated Erom MH.<sup>44</sup>4</u> <u>La MH# 5 &amp; law 3 per a E 36 vel.</u> <u>Superintate.</u> <u>Superintate.</u> <u>Steel Worker</u> <u>Carsenter</u> <u>Steel Worker</u> <u>Equip. Optr.</u> <u>Equip. Optr.</u> <u>Equip. Optr.</u> <u>Equip. Optr.</u> <u>Crane Optr.</u> <u>Oiler</u> <u>Vienter</u> <u>Materials Received:</u> <u>Vienters</u> <u>Materials Received:</u> <u>Comments</u> <u>Comments</u> <u>Comments</u> <u>Comments</u> <u>Carsenters</u> <u>Carsenters</u> <u>Materials Received:</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u> <u>Carsenters</u>				1
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Superinted:       //         Superinted:       //         Steal Worker       //         Laborer       //         Carpenter       //         Steal Worker       //         Bayerinter       //         Steal Worker       //         Bayerinter       //         Steal Worker       //         Bayerinter       //	Work Progress: Excavated From MH 44	Trade	No o	Man
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Coreman       Carpenter         Steel Morker       Laborsr         Laborsr       4         Carpenter       Steel Morker         Laborsr       4         Carpenter       2         Plumber       2         Plumber       2         Balance       2         Carpenter       2         Coreman       2         Plumber       2         Plumber       2         Balays:       2         Corements       2         Official Visitors:       2         W/Comments       2         Ceneral Notes:       2         Pice ked       5         Steel core       5         Ceneral Notes:       5         Ceneral Notes:       5         Corements       2         Corements       5         Corements       5 <td></td> <td></td> <td>UDIL.</td> <td></td>			UDIL.	
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Steal Price     Steal Portor       Iaborer     #       Cen. Finalr.     Truck Inform       Equip. Optr.     2       Plumber     Electrician       Crane Optr.     0       Oller     /       Work Delays:			1	
Cen. Finshr. Truck Drive: Equip. Optr. 2 Plumber Election Crane Optr. Oller / Work Delays: Materials Received:			1	
Truck Driver         Bouls Optr.         Plueber         Electrician         Orare Optr.         Oiler         Oiler         Work Delays:         Materials Received:         Official Visitors:         W/Comments         Official Visitors:         W/Comments         Conneral Notes:         Pipe was being set to into MH # 5 on Mancouver         Av. t we hed satisfacts check grade, brade was:         2" Migh.		Laborer	4	
Equip. Optr. 2       Plumber       Electrician       Crane Optr.       Oller       ////////////////////////////////////		Cem. Finshr.	1	
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Electrician         Crane Optr.         Oller         Oller         Work Delays:         Materials Received:         Official Visitors:         W/Comments         Official Visitors:         W/Comments         Cheneral Notes:         Pipe, was being set & into MH * 5 on flancouvet         AV. Y we hed surveyous check guade.         Bight.         Remeral Notes:         Pight.         Remeral Notes:         Remeral Notes:         Pight.         Remeral Notes:         Remeral Not		Equip Optr	2	
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Oiler     /       Oiler     /       Image:			1	
Work Delays: Materials Received: Materials Received: Official Visitors: W/Consents Cheneral Notes: Pipe, was being set & into MH * 5 on Vancouver AV. 7 we had surveyous check grade, brade wass 2" high. Received: 2" high.				
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Materials Received: Official Visitors: W/Comments General Notes: Pipe was being set & into MH# 5 on Vancouver Av. t we had surveyors check grade. Grade was = 2" high. Ref.		Contraction for the second second		
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Official Visitors: W/Comments Reneral Notes: Pipe was being set & into MH # 5 on Vancouver AV. & we had surveyors check grade, Grade was = 2" high.	Work Delays:			
Official Visitors: W/Comments Reneral Notes: Pipe was being set & into MH # 5 on Vancouver AV. & we had surveyors check grade, Grade was = 2" high.	Materials Received:			
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General Notes: Pipe was being set a into MH # 5 on Vancouver Av. & we had surveyors check grade. Grade was = 2" high. Rla	W/Commente			
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	Simol (	11.11	Re	K

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J	ob No. 23/	18	
Emanuel Haspital Urban Renewal (Job Name) (I	-Ph ocation)	ase	I
Report No. 56 Date 2-23-73 Weather Fail- W	OVErcast Te	. <u>6</u>	50
Work Progress: Excavated between MH# 11 + DMH + laid 2pss of ch V 15"	Trade	No. o	f Men
+ DMH + laid 2 per of cl- V 15" S.P. up to tight-sheeting For DMH.	11.800	Gen.	Jub
J.P. ap to Fight-'sheeling for DMA.	Superintndt.	Gen.	500
	Foreman		
A 19 M A A A A A A A A A A A A A A A A A A	Carpenter		
	Steel Worker		
	Laborer	3	
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	Truck Driver		
	Equip Optr	2	
	Plumber		
	Electrician		
	Crane Optr.		
	Oiler	1/	
	Sector Statements of the Sector Statements and the Sector Se	1	
	Phase-barrier and the state of	1	
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Millefelie en en Billefelie (antieten en Millefelie de Lange antieten (d. 1997), das des des fait de Franklik and de Caling (1995) in Gille der			
Work Delays: Contractor had to lay s.p. un conduit: telephone cable. Materials Received:		ic bu	7 <u>X</u>
MACOLIALS VOCOLAOG:			
Official Visitors:			
General Notes: Contractor had man cleaning	+ Fin isking	2 in.	side
Signed 4.	lehadt	R	Ĩł.

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Jc	b No. 23/1	ρ	
Emanuel Hospital Urban Renewa (Job Name)	- Phase ocation)	T	-
Report No. 55 Date 2-22-73 Weather Over	iast Te	• <b>q</b> n	62°
Work Progress: Set 8" S. P. From MH#14 to DMH- laid 2pcs 8" S.P. to			
to DMH- laid 2pcs 8" S.P. to	Trade		f Men
Excavated + laid Prsp.	Superintndt.	Gen.	Sub.
STREET OF A DESCRIPTION OF	Foreman		
	Carpenter		
side of Fatgo St.	Steel Worker		
	Laborer	3	
	Cem. Finshr.		
	Truck Driver	+	
	Equip. Optr.	2	
	Plumber		
	Electrician	+	
	Crane Optr.		
weben het der eine werden fellen im der einen mehre der einen beiten dem eine Berge Berleit und der beiten der Berleiten B	Oiler	+7-	
		+	
		+	
diam-			
Work Delays: Cracked V.S.P 12" on N DMH excavation. Materials Received: Sand			a into
Official Visitors: W/Comments			
General Notes:			
	Seleitt	A	K
Signed 4	Serran	_	

	Job No. 23/18	>	
Emanuel Hospital Urban Renewal - 1			
(JOD Name)			
Report No. 54 Date 2-21-73 Weather Fai	1	Comp. (	550
Work Progress: Excavated From MH# 15 to	Trade	- Vo	f Men
Exist. MA + Taid = 150 of 10" C-14X	- 11.906	Gen.	1 Sub
Taid VI each W one y Bend + 200	Superintndt.	10011.	
F GU SP	Foreman		
a de la companya de l	Carpenter		<u>+</u> {
MH crew cleaned MH 15 # 10 4 4/1	Steel Worker	-	
From material that washed thru -	Laborer	4	+
see below "Gen. holes.	Cem. Finshr.		<u> </u>
The second state of the se	Truck Driver	17	1
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	Plumber		
	Electrician		
	Crane Optr.	1	
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	way to the later of the second second second		
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Work Delays:			
Materials Received:			
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			and the second se
Official Visitors:			
W/Comments			
General Notes: Contractor tan water to		12 12	1/1/1
General Notes: Contractor ran, water to san. S.L.'s From file hydis.	Clean OUL	2014	-75
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	1	100	t
Signed 4.	Schutt	K	

Job No. 23/18 Emanuel Hospital Urban Renewal-Phase II (Job Name) (Location) Report No. 53 Date 2-20-73 Weather Fair & Sunny Temp. 550 Work Progress: Excavated from MH#15 TO Existing MH & laid 32 pc: 0F10" C-14X S.P. 107 of S.P.) Trade No. of Men Gen | Sub Superintndt. 7 MH. stew confid work on Foreman MH# Carpenter Steel Worker Laborer  $\overline{\mathcal{G}}$ Cem, Finshr. Truck Driver 1 Equip Optr Plumber Electrician Crane Optr. 01ler Work Delays: Materials Received: Official Visitors: W/Comments General Notes: Signed Le. Selandt

J	ob No. 23/18	P	
Emanuel Hospital Utban Renewa (Job Name) (I			
Report No. 52 Date 2-19-73 Weather P. clou	ty. Te	. <u>3</u>	500
Work Progress: Excavated from MH# 14 to	Trade	No. o	C Mars 1
S.P. Into MH# 15 & set in 5" S.P.		Gen.	Sub
FOR S.L. TO DMH.	Superintndt.	/	
On MH# 11 CHEW STacked twoth	Foreman		
ed on Finishing MH	Carpenter		
	Steel Worker Laborer		
TANK At Sta 1+56 between MH +14+	Cem. Finshr.	4	
MH4 15 finished laying house brench	Truck Driver	2	
- China for any the state of the second seco	Equip. Optr.	2	
End = 10' deep at cut b line	Plumber		
	Electrician		
8844 / / / / / / / / / / / / / / / / / /	Crane Optr.	1	
	Oiler	17	
		1	
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	and a second state of the second s		
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Work Delays:			
Materials Received:			
Official Visitors:			
General Notes:			
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	Shadt	P	N
Signed 4.	andt		TH-

	Job	No. 23/1	8	
Emanuel Hospital Urban Re (Job Name)	•			-
Report No. 51 Date 2-16-73 Weather		showers Te	ащо. <u> </u>	500
Work Progress: Excavated From MH.# MH#15 + Toid 112'of 10" c-19X	14 10	Trade	No o	f Men
to the second se	Titi	11 due	Gen.	Sub
Finished laying stacking	17	uperintndt.	Gon.	Juo
+ put in one y' if the the Bei				
one section at 6" S.P. at Sta. 1-	the second se	oreman		
		arpenter	1	
	the second se	teel Worker		
		aborer	3	
	0	em. Finshr.		
	T	ruck Driver	17	
	the state of the s	quip Optr.	2	
		lumber	1	
	a second s	lectrician	+	
Contractory with the second statements and the statement of the second statements and the second statements and		rane Optr.		
			+	
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millinde datandismuuningen getirines ein datanis opingen geregelante in om og vergen Maarderbeb die date de univergengemen beige				
And the second				
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	Call - Call of Call and Call and Call of Call			
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				and the state of t
Work Delays:				
Materials Received:				
Official Visitors:				
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Comment Nation				
General Notes:				1-
			1	At
				TAK
Signed	G. 1	Schad	- /	N.

Emanuel Hospital Urban Renewal - Phase II (Job Name) (Location) Report No. 50 Date 2-15-73 Weather Cloudy Temp. 50° Work Progress: Poured concrete for base of MH. # 14 4 set two 3 rings Excavated From MH# 14 to Trade No. of Men Gen. | Sub. Superintndt. + laid 43 pcs. Foreman Ft. of S. Carpenter Steel Worker Laborer 3 Cem. Finshr. Truck Driver Equip Optr 2 Plumber Electrician Crane Optr. Oiler Work Delays: Materials Received: Official Visitors: W/Commente General Notes: Surveyor's set LASER line +grade Signed G. Schrift

JOD NO. 23/18 Emanuel Hospital Urban Renewal- Phase II (Job Name) Report No. 49 Date 2-14-73 Weather Showery "emp. 450 MH. #14 & Laid 31 pcs of 10"C-14X No. of fen Trade into Gen. Sub. Superintndt. Foreman Carpenter Steel Worker Laborer 3 Cen. linshr. Truck Driver Fquin. Ontr. 2 2 Plumber Tlectrician Crane Optr. ∩i⊥er Work Delays: Materials Poceived: Official Visitors: W/Comments General Votes: Contractor dumped excavate Vancouver an 1. 4 was a clean water advised to order 130 pread a wate sand coat dirl better tract over e FOR signed a Schuitt Path

Job No. 23118 Emanuel Hospital Urban Renewal-Phase II (Job Name) Report No. 48 Date 2-13-73 Neather P.c.ldy to overcast Temp. 55 Work Progress: Excavated from MH.#13 to MH. #14 # Taid 37 pcs. of C-14X No. of 1en Trade Gen. Sub. Superintndt. Foreman Carpenter Steel Worker Laborer 2 Cen. Mnshr. Truck Driver Fquin. Ontr. 2 Plumber Tlectrician Crane Optr. ^iler Work Delays: faterials Poceived: Official Visitors: W/Conments General Motes: Signed 4. Schudt

Job No. 23/18 Emanuel Hospital Urban Renewal-Phase IT Report No. 47 Date 2-12-73 Weather P. Cloudy ... Temp. 55° Work Progress: Excavated For MH. #13 poured base + sei No. of fen Trade MH# 1.3 etween Pavement Gen. Sub. Superintndt. was broken KLEMOVEd Foreman Carpenter Steel Worker Laborer 3 Cen. Minshr. Truck Driver 2 Fquin. Cotr. 2 Plumber lectrician Crane Optr. ∩i⊥er 1 Work Delays: Minor mechanical problems w/ pavement breaker + Lorain Backboe faterials Poceived: Official Visitors: W/Conments General Notes: NW. Nat. Gay Co. cat off 4" gas line in Vanc. Ave. between Ni Cook + Farge Stus. 4. Schudt Signed

Job No. 23/18 Emanuel Hospital Urban Renewal - Phase II (Location) Report No. 45 Date 2-8-73 Neather showery twindy comp. 50° Mork Progress: Excavated From MH.#12 to MH. #13 & Taid 224 of 10" C-14X S.P. No. of fen Trade Gen. Sub. Superintndt. 1 Foreman Camenter Steel Worker Laborer ? Cei. Minshr. Truck Driver Equin. Cotr. Plumber Tlectrician Crane Optr. ∩i⊥er Mechanic . Work Delays: faterials Poceived: Official Visitors: W/Comments moved out pavement eneral Notes: Moved in pavement breaker. Yesterday moved, out International Tractor + changed back clam-shovels from Puryras-Erie to Lima. General Notes: Moved in Signed a. Schuidt

Job No. 23/18 Emanuel Hospital Urban Renewal - Phase II (Location) Report No. 46 Date 2-9-73 Neather Fair W/scattered "emp. 50° Mork Progress: Excavated From MH. #12 to MH#13+1aid Ft. of 10" C-14X S.P. No. of fen Trade Gen. Sub. Superintndt. Foreman Camenter Steel Worker Laborer 3 Cen. inshr. Truck Driver Equin. Ontr. 2 Plumber Tiectrician Crane Optr. Ciler Work Delays: Loading dirt onto truck while excavating in street on N. Vancouver at Cook St. Tannelling under 12" gas main. "laterials Poceived: Official Visitors: W/Comments General Notes: Backfilled entire trench & sealed top Wcold MIX For the week-end. Signed G. Schadt

Job No. 23/18 Emanuel Hospital Urban Renewal - Phase I. (Job Name) (Location) Report No. 44 Date 2-7-73 Neather P. cloudy/w/wind comp. 50° Work Progress: Installed 10" C-14 X S.P. From MH412 thru 49" X73" Brick S.P. From MATA 12 thru 49" X 73" Brick S. & cont.'d excavation & laid 14 pcs. of 10" C-14 X S. P. (24x 3.5= 84 ft. No. of fen Trade Gen. Sub. Superintndt. Foreman Carnenter Steel Worker Laborer 3 Cen. Minshr. Truck Driver Equin. Ontr. Z Plumber lectrician Crane Optr. Ciler Work Delays: faterials Poceived: Official Visitors: W/Comments General Notes: Surveyors checked line + grade for LASER, Signed G. Schutt



Job No. 23/18 Emanuel Hospital Urban Renewal- Phase TI (Job Name) (Location) Тетр. 50° Report No. 43 Date 2-6-73 Weather Fair Work Progress: Excavated From MH#2 to MH#3 & laid one piece of Trade No. of Men dian Gen | Sub Superintndt. excaval to be to MH# FAM MH. Foreman Carpenter 3 Steel Worker Laborer 3 Cem, Finshr. Racthee: Lorain Truck Driver achting 1066 Equipment Equip Optr 3 F.End Loade Plumbar lsed Electrician Tractor Cat International Crane Optr. F-End Loader: Oiler Work Delays: Loading steel coffins onto transports. Materials Received: Official Visitors: W/Commente General Notes: Raised up ends ende of 15" & 72" S.P. Lunnin spigot of 1st joint out of M 472" S.P. Lunning of MH. # 2. Broke Will be repaired inside & autside o W atouting was cracked = around citcum Ference + 4 back end.

Signed L. Schult

Job No. 23/18 Emanuel Hospital Urban Renewal-Phase II (Location) Report No. 42 Date 2-5-73 Neather Peloady to clear remp. 45° Work Progress: Excavated From MH.#2ton MH. #3 + Jaid 3 pcs. of 72" cl-Th No. of fen Trade Gen. Sub. Superintndt. Foreman Carnenter Steel Worker Laborer 3 Cei. linshr. "ruck Driver 3 Fquin. Ontr. Plumber "lectrician Grane Ontr. ller \* Work DeLays: faterials "occived: Official Visitors: W/Corments under General Notes: Excavating 19, supporting telephone bax conduit on west side of Gantenbein st. Signed G. Seland



J	ob No. 23/1	8	
Emanuel Hospital Urban Rene. (Job Name)	wal-Phase	T	
(Job Name) (I	ocation)		
Report No. 41 Date 2-2-73 Weather P. c. June	dy to cloudy To	əmp •	480
Work Progress: Excavated From MH#2 to MH #3 7 Taid 7pcs. of 72" at TK		-	
MH + 3 + laid Tpcs. of 72" cl-TK	Trade		f Men
<u>S. P.</u>	Compared as has the	Gen.	Sub
	Superintndt.	1/	
	Forenan		
	Carpenter		
	Steel Worker		
	Laborer	3	
	Cem. Finshr.		
	Truck Driver	2	
	Equip Optr	3	
	Plumber		
	Electrician		
	Crane Optr.		
	Oller	12	
	And a second		All and a second se
	Environment - Anna Constanting - Constanting		
	r - a garin - A Charles Stadio a Gran a comina de se a regera ada	1	
		-Quinter - Ora-	and the second second
	and the second		
BERGE AR BUTTER BUTTERED, BEINGER, BEINGER, BUTTERED, BERGER, BERGER, BERGER, BERGER, BERGER, BERGER, BERGER, B			
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Work Delays:			
Materials Received:			
	and provide the second		
Official Visitors:		-	
W/Commente			-
BARA - AR AV & AR AV A A AVAILABLE AND A A AVAILABLE AND A A AVAILABLE AND A AVAILABLE AND A AVAILABLE AND A AV			and the state of the state
		-	
			- Ingeneration
General Notes: Located telephone conduit. N. Gantenbein Ak.	on West	side	ø f
	(	21	
	. /	R	
Signed 4.	Schadt		



Jo	ob No. 2311	P
Emanuel Hospital Urban Renewa (Job Name)	1 - Phase	16
(Job Name) (Lo	ocation)	
Report No. 40 Date 2-1-73 Weather P. Clo.	udy Te	amp. 450
Work Progress: Excavated From MH. #2 to MH. #3 + laid 2 pcs of 92 cl-		
to MH. # 3 & laid 7 pes af 72" cl-I	Trade	No. of Men Gen. Sub.
<u>- 9.11</u>	Superintndt.	
	Foreman	
	Carpenter	
	Steel Worker	
	Laborer	3
	Cem. Finshr.	
	Truck Driver	2.
	Equip Optr	3
	Plumber	
	Electrician	
	Crane Optr.	
	Oiler	
Children and Chi		
	and a suggest over the state of	
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	and the second	and the second
		the second s
		and the second state of th
Work Delays:		
Materials Received:		and the second se
and the second state of the se		
		and the second se
Official Visitors:		
W/Comments		and the second second second second
General Notes: Laid one 7.5' section of p	ipe to ma	ke a change
in dimensions of the bellist spigots.	-	/
The bells of all new pipe delive		wider-0.3
on the side w/ the seam Than on the	side oppas	IFE - 0.31.
	-	
		FSG.

Signed a. Schudt The



Job No. 23/18 Emanuel Hospital (1.ban Renewal- Phase (Location) Report No. 39 Date 1-31-73 Weather P. Cloudy Temp. Work Progress: Excavated from MH.#2 To MH#3 + Taid 5 pcs. 72" cl-14 Trade No. of Men Gen | Sub Superintndt. 1 Foreman chew continued excevation Carpenter g For DMH on N.G Steel Worker Laborer 4 Gantenbein A Cem. Finshr. Truck Driver 4 Equip. Optr. Plumber Electrician Crane Optr. Oller Work Delays: Broke two 10" S.P. tun laying East out of Materials Received: Official Visitors: W/Comments General Notes: Signed G. Ach. )

Job No. 23/18 Emanuel Hospital Urban Renewal - Phase The (Job Name) Report No. 38 Date 1-30-73 Weather Slowers Temp. 45° Work Prograss: Excavated from MH#1 .20 Trade No. of Men 4 pcs. Gen. | Sub. DCS. 01 Superintndt. Foreman Carpenter Steel Worker Laborer 4 Cem, Finshr. Truck Driver 2 Equip Optr 4 Plumber Electrician Crane Optr. Oiler Work Delays: Materials Received: Official Visitors: W/Commente gave line & grade for to FMH#2, & linet General Notes: Saftevat in ed setting 1st grade For se 00 ind grade ing-up a. Selast Signed

Job No. 23/18 Emanuel Hospital Urban Renewol- Phase II (Location) Report No. 37 Date 1-29-73 Weather Cloudy Тетр. 42° Work Progress: Frequeted From MH#/to MH. #2 + Taid 7 pes of cl-TK S.P. Trade No. of Men Gen. Sub. crew cont: d excavating. Superintndt. Foreman Carpenter Steel Worker Laborer 3 Cem. Finshr. Truck Driver Z Equip Optr Plumber Electrician Crane Optr. Oiler 2 Work Delays: Materials Received: Official Visitors: W/Comments General Notes: Signed U. Schuft

Job No. 23/18 Emanuel Hospital Urban Renewal-Phase II (Location) Report No. 36 Date 1-26-73 Weather P. Cloudy Temp. 42° MH#2 + Taid 7 pes. 72" cl-TF S. Trade No. of Men Gen. Sub. Trainst Superintndt. Excavaled Foreman on N. Gan enbein neat Carpenter Steel Worker Laborer 4 Cem. Finshr. Truck Driver Equip Optr Plumber Electrician Crane Optr. Oiler Work Delays: Materials Received: Official Visitors: W/Comments General Notes: Moved Bucyrus Frie Crane - to be used with clam-shave in building MH's. Signed a. Schult

Job No. 23/18 Emanuel Hospital Urban Renewal- Phase II (Job Name) Report No. 35 Date 1-25-73 Weather D. cloudy W/showers Temp. 50° Work Progress: Excavated From MH. #/ to MH. #2 Flaid 7 pas of 72" cl- Th Trade No. of Men Gen. Sub. Superintndt. Foreman Carpenter Steel Worker Laborer Kachting 1066 3 Cem, Finshr. Equipment Truck Driver Lnational Equip Optr. national Plumber Looder Electrician Crane Optr. Oiler Work Delays: Materials Received: Official Visitors: W/Comments General Notes: The specis require of- III 72" S.P. + most pipe certification forms been, written up for c/have what has at cl-IV been delivered 15 4. Scheitt Ble

Signed

Job No. 23/18 Emanuel Hospital Urban Renewal-Phase II (Location) Report No. 34 Date 1-24-73 Veather Showery remp. 55° Nork Progress: Excavated From MH.# to MH#2 & laid # pcs of cl-t No. of fen Trade Sub, Gen, Superintndt. Foreman Carpenter Steel Worker Laborer 3 Cen. Mnshr. "ruck Driver Fquin. Ontr. 2 Plumber lectrician Grane Cotr. Ciler Work Delays: X-ing junction of 10" water main w/6 water main - as before on Jan. 23rd faterials Poceived: Official Visitors: W/Conments General Motes: Signed a. Schuidt

Job No. 23/18 Emanuel Hospital Urban Renewal- Phase TT Report 10. 33 Date 1-23-73 Neather P.Cloudy emp. 450 Mork Promess: Excavated from MH. #/to MH#24 Taid 4 pcs. of 72" cl-TV No. of fen Trade Gen. Sub. Superintndt. Foreman Camenter Steel Worker Laborer 3 Cei. linshr. 'ruck ')river Fquin. Ontr. Plumber Tlectrician Grane Optr. *liler* Work Delays: 10 water main King ditch on N. Commercial & Fargo St. faterials Poceived: Official Visitors: W/Comments STA.C. inspector required contractor to use ok for fifting pipe. Old hook had a cra General Motes: another crac have a keeper! ! & didn't Signed G. Schadt

	Job No. 23/1	18	
Emanuel Hospital Urban Renew (Job Name)	(Location)	Π	
Report No. 32 Date 1-22-73 Weather Cla	rudy re	emp	150
Mork Propress: Excavated From MH#1 to MH#2 + Taid 6 pcs. of 72" cl-IVS.			
WIH = 2 & laid 6 pcs. of 12" cl-11 S.	P. Trade	No. d Gen.	of 1en Sub.
	Superintndt.	17	
######################################	Foreman	1	
	Carpenter	+	
	Steel Worker		<u> </u>
	Laborer	3	<b>↓</b> −−−− <b>↓</b>
	Cen. Mashr.	1	
		+	
	"ruck ')river		<b></b>
	Fquin. Ontr.	2	
	Plumber		
	Tlectrician		
	Crane Otr.		
	Ciler	17	
		1	
		+	
	_ L	A	
	Alexandre Andre Andre Andre Andre Andre Andre		
2			
Work Delays:			
faterials Poceived:			
Official Visitors:			
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General Motes:	and the second		
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	Job No. 23/11	9	
Emanuel Hospital Urban Renew			
(Job Name) (	Location)	Contra destadore	
Report No. 3/ Date 1-19-73 Weather P. c/o		emp. 4	5°
Work Progress: Excavated from MH#/to MH. #2 and laid 7 pcs. OF 72" cl-14		1.50	
MA. " 2 and laid 7 pcs. of 72" cl-14	Trade	No. o Gen.	Sub.
. J. P.	Superintndt.	Gen.	Sub
	Foreman	+	
	Carpenter	+	
	Steel Worker		<u> </u>
	Laborer	17	
	Cem. Finshr.	+	
	Truck Driver		
ALL BALLER MILLER AND ALL LADERS CONTINUES IN DECIMAL BUILDED IN	Equip Optr	2	
	Plumber		
	Electrician		
	Crane Optr.		
	Oiler	17	
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	And a state of the last of the		
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	NG-No-Bel-St-Chroner to Sedimiter Sciences	-	
Work Delays: Short one operator +21	aborer's		
Materials Received:			
Official Visitors:			
	an den de la constante de la Constante en este		
General Notes:			
	Ber 11 6-1-10 - 2017 B 10-10-10-1000		
Signed	Scheidt		

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8 D	PROGRESS RE	PORT	-			
	and the second se					
			Job	No. 23/18	3	
EmanuelHospit	al Urba	h Ren	ewal	- Phase	TT	
Emanuel Hospit	Anima Painte Consistent		(Loca	ation)		
Report No. 30 Date /-	18-73	Weather	Showe	FV TO	. d	50°
	1.0	Aquitt				
Work Progress: Excavat.	ed trom	NIH.	/			
to MH. 42 + Taid	5 pcs. 0	f cl-I	KS.P.	Trade	No. o	
	/				Gen.	Sub
			and the second se	Superintndt.		
	getere and the second states		and the second se	Foreman		
	Construction of the owner of the			Carpenter		
		to ball the Carlo Download		Steel Worker		
				Laborer		
				Cen. Finshr.		
				fruck Driver		
			H	Equip Optr	2	
				Plumber		
	er Vardullinde belännen der her			lectrician		
		and a start of the		Crane Optr.		
				Oiler	17	
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Work Delays:						
No. or a supervision of the state	and the state of the		-			
Materials Received:	Constant of the Advention of the Adventi				and the local division of the local division	
abat and and						
Official Visitors.			a Datasti contra dattarra	the second state of the second state		duration.
Official Visitors:	un and ges of the Constant of			and a destruction data when		
W/Commente					to spectromy property of	
a desta de la companya de la company						
General Notest Courses	r charl	01/2-	01 -7	la h maht		
General Notes: Survey or	s check	eg 193	er al	gament		
		and the second second second				
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			1	2 141		dr.X
		ligned	U.A	chut		11 4
		-Buou				122-122-122-122-122-122-122-122-122-122

JOB NO. 23/18 Emanuel Hospital Urban Renewal - Phase II Report No. 29 Date 1-17-73 Neather P. Cloudy Temp. 50° Mork Progress: Excayated From MH.#/ to MH.# 2 + laid 2 pcs. at cl- IX 72"S.P. No. of fen Trade Gen. Sub. Superintndt. Foreman Carpenter Steel Worker Laborer 3 Cei. linshr. Truck Driver Fquin. Ontr. 3 Plumber Tlectrician Grane Ontr. Ciler Welder 2790 Work Delays: Setting Lords Backhoe-Kachring-out o e coffin into trench. Run lardge faterials Poceived: Official Visitors: W/Conments General Notes: Survey crew set line & gra FILST 2 on 0 1.5 Z SE Se DIDE OU when DOULCd 04 conc will anale of IN Tersection Due ot Zη brick of 72" S.L. a concrete plug be poure the brick 73X WI the Setween Signed U. Schadt

Job No. 23/18 Emanuel Hospital Urban Renewat Phase II Report No. 28 Date/-16-73 Weather Showers Temp: 55 Work Progress: Excavated from stub to Trade No. of Men Gen. Sub. Superintndt. T Foreman Carpenter Steel Worker Laborar 3 Cem. Finshr. Truck Driver Equip. Optr. 3 Plumber Electrician Crane Optr. Oiler Welder Work Delays: Rain soaked earth: Koehring became stuck Materials Received: Official Visitors: W/Comments General Notes: Special book welded onto Kochring Backhoe For North of designed line. lifting Z + Found 7.B Signed a. Schutt

Job No. 23/18 Emanuel Hospital Urban Renewal-Phase тетр. 55° Report No. 27 Date 15-73 Weather Rain Work Progress: Excavated from styl Trade No. of Men Gen. Sub. 8 pcs a Superintndt. Foreman Carpenter Steal Worker Laborer 3 Cem. Finshr. Truck Driver Backhee : Kohring -1060 Equip Optr 3 F-End Loader: Intertional Equipment Used Plumber Electrician Tractor: 21 Crane Optr. Oiler Note: On Friday Jan. The North so the was tound headed hat with SULVE VOLS WELE iscovered 2 ca wou miss he desighed tua North ocation Under Gen, Notes See below : te-pave Super: Wunn Foreman advised by inspector to (Fill)holes With Fine rock of 4:30 p.m.: he Filled made) in CUI Work Delays: Materials Received: Official Visitors: W/Commente General Notes: Surveyor's Measured distance between actu Tion -holed 260VE-A esighed of Nor being Was 0 15 north DEDEE 01 det end of Hinch Bach to the Sout rotwat a section laid. a Selait Signed

Job No. 23//8 Emanuel Hospital Urban Renewal-Phase II (Location) Report No. 26 Date 1-12-73 Weather Rain Temp. 50° Work Progress: Excavated From # styb end out of MH 34/ of Ph. 1 to MH. # / and laid # pcs. of 48"cl-1 Trade No. of Men Gen. | Sub Superintndt. 1 Foreman Carpenter Steel Worker Laborer Cen. Finshr. Truck Driver Equip Optr 7 Plumber Electrician Crane Optr. Ofler Work Delays: Materials Received: Official Visitors: W/Comments General Notes: Signed a Separt

Job No. 23/18 Emanuel Hospital Urban Renewal (Job Name) (Location) Report No. 25 Date 1-11-73 Weather Showery Temp. 40° Work Progress: Excovated From MH.# to MH.## and laid 8 pcs. of 36" Trade No. of Men Gen. | Sub Superintndt. Foreman Carpenter Steel Worker Laborer 3 Cem. Finshr. Truck Driver Equip Optr 2 Plumber Electrician Crane Optr. Oiler Note: 36" S.L. between MH 2 to MH 4 has settled on \$7 joints 2 inchis of more below grade; 3 joints show gaps in the top forbottom of pipe which appe show gaps in the top forb to be due to settlement. pipe which appear Work Delays: Materials Received: Official Visitors: W/Commente Meneral Notes: Contractor stopped laying S.P. west of Tele-phone Condust & moved Backhoe & coffin box to 67'st out of MH. #41 on Phase to 67'stub Signed a. Schridt

JOD NO. 23/18 Emanuel Hospital Urban Renewal- Phase II (Job Name) Report No. 24 Date 1-10-73 Weather Showery Comp. 350 Work Progress: Excavated from MH#2 to MHT# 4 Floid 10 per of 36"ct-III No. of ien Trade Gen. Sub. Superintndt. Foreman Carpenter Steel Worker 3 Laborer Cei. Enshr. "ruck Driver Iquin. Ontr. Z Plumber Tlectrician Grane Optr. liler 1 Work Delays: faterials "occived: Official Visitors: W/Conments General Notes: Began aving pipe = 11:00 am after excau ing to MATE grade & setting in LASER the Signed a. behait

Job No. 23/18 Emandel Haspital Urban Renewal (Job Name) (Location) Report No. 23 Date 1-8-73 Weather Fair 4 windy Temp. 320 Work Progress: Excavated from MH # 4 to MH# 5 4 laid TI pes of 36" cl-th S.P. Trade No. of Men Gen | Sub Superintndt. 7 Foreman Carpenter Steel Worker Laborer 3 Cem. Finshr. Truck Driver Equip Optr. 2 Plumber Electrician Crane Optr. Oiler stakes For 36" S.C. between MH# 2 + MH# 4. Work Delays: Materials Received: 311 1-0 Rock Official Visitors: W/Comments Meneral Notes: Removed coffin box from Trench: They intend to move to MH.# 2 + continue excavation toward MH# you Tuesday: 1-9-73. Signed a. Schaitt

Job No. 23/18 Emanuel Hospital Urban Renewal (Job Name) (Location) Report No. 22 Date 1-5-73 Weather Cloudy Wshowers Temp. 40° Work Progress: Excavated from MH#4 to MH#5 # Jaid 20 per of 36" Trade No. of Men Gen Sub C/.-. Superintndt. Foreman Carpenter Steel Worker Laborer 3 Cem. Finshr. Truck Driver Equip Optr 2 Plumber Electrician Crane Optr. Oiler Work Delays: Materials Received: Official Visitors: W/Comments General Notes: Signed WRAdautt

	Job No. 23118			
Emanuel Hospital Urban Renewal (Job Name)				
Report No. 2/ Date 1- 4-73 Weather Overce	st re	3map <u>4</u>	80	
Work Progress: Excavated & laid 10 pcs of 36 cl- M S.P. From MH# 4 to MH# 5.	61	1.		
36 cl- TIL S.P. From MH# 4 To	Trade	Gen.	f Men Sub.	
	Superintndt.	Uen.	- Jub -	
	Foreman	+		
#*****#*##############################	Carpenter	+		
	Steel Worker			
*****	Laborer	3	1	
	Cem. Finshr.	+		
Methods in the Billion of the Strength and the state of the Strength and the Strength and the Strength And	Truck Driver	+		
	Equip Optr	2		
	Plumber		+	
	Electrician	+		
	Crane Optr.			
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Work Delays:				
Notaviale Pagainade				
Materials Received:			<u>.</u>	
Official Visitors:			and a second	
W/Comments				
Compared Wethers				
General Notes:			alat	
			THE	
			1/13	
			W.Z	
Signed and	in SR. A.	rud	4	

J	ob No. 23/10	P	
Emanuel Hospital Urban Renewal- (Job Name)			
Report No. 20 Date 1-3-73 Weather Fair W/	rcattil clouds Te	• que	48°
Work Progress: Stacked rings For MH#12 Backfilled on MH.#11.	Trade	1 Marca	f Men
Backfilled on MN. 411.	Trace	Gen.	Sub.
	Superintndt.	Gen.	300
	Foreman	+	
	Carpenter		<u>+</u> {
	Steel Worker		<u> i</u>
and a we define the second particulation and a provide the addition of a second statement of the second subject	Laborer	3	+
	Cem. Finshr.		<u>+</u>
	Truck Driver	+	<u>+</u> {
	Equip. Optr.	12	+
	Plumber	E	+
	Electrician	+	+
	Crane Optr.	+	
	Oiler	+7	+
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Work Delays:			
Materials Received:			
		÷	
Official Visitors.			ander - Calladana
Official Visitors:			
W/Comments	the second s		
	a dadi sharay sasharin ya Mala Sadadin a Ja		
General Notes: Supet. shut aff down job	in afterna		· + 7
/ / / / / / / / / / / / / / / / / / /	could lay	n f	SP
		50	0.1.
thom MH # 4 to MH# 5. Box was more	a prio pr	eject	10
The attechoon	/		
	1. 10		N.F

Signed arlin SR. phiat h

JOD NO. 23/18 Emanuel Horpital Urban Renewal - Phase JT (Job Name) Report No. 19 Date 1-2-73 Neather Cloudy W/ showers Temp. 46° Nork Progress: Excavated from MH# 12 to the South & laid 52' of p" S.P. No. of fen Trade Sub. Gen. Superintndt. Foreman Carpenter Steel Worker Laborer 2 Cen. Mashr. Truck Driver Fquin. Ontr. 0 Plumber Tlectrician Crane Cotr. iler . Work Delays: faterials "occived: Official Visitors: W/Conments General Notes: Subrey ats set line totade points For 36" storm 5-2. From MH # 9 to MH# 5 on N. Cosk St Signed\_ lolin DR. the

Job No. 23/18 Emanuel Hospital Urban Renewal (Phase (Phase) Report No. 18 Date 12-29-72 Neather P. cloudy Wishowersemp. 50° Work Progress: Laid 10"c-14 Ext. Str. S.P. No. of fen Trade Gen. Sub. Superintndt. Paured MH# 12 base & set in Three rings pre-cast conc. Foreman Carpenter Steel Worker Laborer 2 Cei. Minshr. Truck Driver Fquin. Ontr. Plumber lectrician Crane Optr. Ciler Work Delays: faterials Poceived: Official Visitors: W/Conments General Motes: Signed artin DM. Schadt

Job No. 23/18 Emanuel Hospital Urban Renewal (Phore II Job Name) (Location) Report No. 17 Date 12-28-72 Neather R. cloudy <sup>r</sup>emp. 52 Mork Progress: Excayated from MH# 11 No. of ſen Trade Sub. It. Gen Superintndt. Foreman Carpenter Steel Worker Lahorer 3 Cen. Mnshr. ractor "ruck Driver gkipment HOP Equin. Ontr. Used Plumber aven Tlectrician Crane Ontr. Ciler Work Delays: faterials Poceived: Official Visitors: W/Comments off W barricader N. Gantes General Notes: Roads clased between N Fateo & N. Cook, and Santerbein & N. Vancouvet arlin BR. Schad Signed

PROGRESS REPORT Job No. 23/18 Emanuel Hospital Urban Renewal (Phare TT) (Job Name) (Location) Report No. 16 Date 12-27-72 Weather Showers Temp. 520 Work Progress: Excayated From MH# 11 to MH# 12 + laid 13 per of 10 To MH Trade No. of Men Gen. Sub. Superintndt. Foreman Carpenter Steel Worker Laborer 3 Cem. Finshr. Truck Driver Equip Optr Plumber Electrician Crane Optr. 2 Ofler Work Delays: Materials Received: Official Visitors: W/Comments Pipe laid in 3.5" sections. General Notes Signed arlin BR, Schoudt

Job No. 23/18 Emanuel Hospital Urban Renewal (Location) Report No. 15 Date 12-26-72 Weather Rain Temp. 55° Work Progress: Excavated + laid of 15" class Trade No. of Men 1 p. Ch Gen. Sub. DMH 4 Superintndt. Forenan Carpenter Steel Worker Laborer 2 Cem. Finshr. Truck Driver Equip Optr. 2 Plumber Electrician Crane Optr. Otler Work Delays: Ground caved + slamped in varinity of N. Gantenbein while backhoe was excavating near Xing of telephone cable W S. Materials Received: Official Visitors: W/Commente impede cavi Tight sheet-General Notes: Hyd. jacks mentioned above. DI H will be bailt to 4/ ing. Signed ash DR. Aladt

JOB NO. 23/16

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(Job Mame) (L	ocation)		
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Report No. 14 Date 12-22-72 Weather Rain s.	howers	Temp.	56"
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Work Progress: Excavated From MH#11 to DMH + Taid pcs. of 15" class V	11 000	Gen.	Sub
	Superintndt.	Uen	Sub
	and the second se		
·	Foreman	_	<u></u>
	Carpenter		
	Steel Worker	the second se	
	Laborer	2	
	Cem. Finshr.		
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	Plumber		
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Official Visitors:		-	
W/Comments		and the second	and the second second second
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the second se		4	
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General Notes: Water bureau cut off sect - corporate service - where it conn'd Gantenbein AV.			alic
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Signed Land	in a	1	· // ( /
Signed	· DR. Ac	6 mill	

Job No. 23/18 Emanuel Hospital Urban Renewal (Location) Report No. 13 Date 12-21-72 Weather Rain showers Temp. 60° Work Progress: Excavated & laid 6 MH #1/ To Diversion M.H. on Gab from PCS. Lterb Trade No. of Men Gen. Sub. Superintndt. 7 Foreman Carpenter Steel Worker Laborer 2 Cem. Finshr. Truck Driver Equip Optr. 2 Plumber Electrician Crane Optr. Oiler Work Delays: Material slumps easily; changed From sand Materials Received: Official Visitors: W/Commente General Notes: + haved two per ditch oteria \$ tewh 40 isto a to water 0 Vater Bureau Ctew 00 Whi BR. Schadt

Signed

Job No. 23/18 Emanuel Hospital Urban Renewal (Job Name) (Location) 600 Report No. 12 Date 12-20-72 Weather Rain Тещо. Work Progress - Laid Excavated & laid 15 pes. Trade No. of Men Dibe sec ote long Gen. Sub TiAne Superintndt. Foreman Carpenter Steel Worker Laborer 2 Cem. Finshr. Truck Driver Equip Optr 2 Plumber Electrician Crane Optr. Oiler Work Delays: Materials Received: Official Visitors: W/Comments General Notes: Moved Field office onto project ateq heat SEcot of Gantenbein of Ivy stis. Signed aDRI.

Job No. 23/18 Emanuel Hospital Urban Renewal (Location) Report No. 11 Date 12-19-72 Weather P. cloudy Wshow ets Temp. 60° Work Progress: Excavated From MH# 10 to thru-15" clai c-14 Ext Trade No. of Man Gen. Sub. one Superintndt. Theneth to Foreman Carpenter Steel Worker Laborer 2000 Backhoe Cem. Finshr. ternational oader Truck Driver ac tor Equip Optr hen Plumber Electrician Crane Optr. Oiler Work Delays: Materials Received: Official Visitors: W/Comments existing 36" S.P. between MH 70 4 MH 41/-General Notes: <u>Scaled</u> -2 seals. signed artin M. Jahaia

Job No. 23/18 Emanuel Hospital (Itban Renewal (Location) Report No. 10 Date 12-18-72 Weather Rain Тепр. 520 Work Progress: Excavated # From MH#10to, MH#11 + 10, d 9 pcs. of 15" class # Trade No. of Men Gen. Sub. Poured bese on MH#10 Superintndt. Foreman Carpenter Steel Worker Laborer Cem. Finshr. Truck Driver Equip Optr 2 Plumber Electrician Crane Optr. Oiler Work Delays: cu. V ds. of concrete w/ 3/2" Slamp Test 21/2 Materials Received: Official Visitors: W/Comments General Motes: arta Sk phadt Signed

Job No. 23/18 Emanuel Hospital Utban Renewal (Job Name) (Location) ócc. Report No. 9 Date 12-15-72 Weather Various Wishowers Temp. 30° Work Progress: Excavated from MH# 10 to Trade No. of Men Gen. Sub. Superintndt. Foreman Carpenter Steel Worker Laborar 2 Cen. Finshr. Truck Driver Equip Optr Plumber Electrician Crane Optr. 01 Ler Work Delays: Snow ice + gen. cold Materials Received: Official Visitors: W/Comments General Notes: Signed a. Nationa / all.

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Emanuel Hospital ULb. (Job Name)	an Nene	(Location)		
Report No. 8 Date 12-14-72		~	emp. 2	8
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	- congress	Superintndt.	17	
Excavated From MHH	10 to MH	Foreman		
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		Steel Worker		
	and the second secon	Laborer	2	
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		Truck Driver		
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	and the second se	Electrician		
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	98-16-04-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0			
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	Signed			

Job No. 23/18

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Emanuel Hospital Urban Renewal (Job Name) (Location) Temp. 30° showery Report No. 7 Date 12-11.72 Weather Work Progress: Excavated & laid 6 pcs. of 15" class, I S.P. into MH.#10 Trade No. of Men Gen. Sub. a10 Superintndt. lateral rom Foreman Carpenter Steel Worker Laborer 2 Cem. Finshr. Truck Driver Equip Optr 2 Plumber Electrician Crane Optr. Oiler Work Delays: Materials Received: Rock Official Visitors: W/Comments General Notes: Signed live DR. Schartt '

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	Job No. 23//	J. L.
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Emanuel Hospital Urban Rens	ewal	
(Job Name)	(Location)	
Report No. 6 Date 12-8-72 Weather C/	ear- 4 cold Te	mp. <u>30°</u>
Work Progress: Excavated & laid 12 pcs of 15" class TS. P. between stub 9	-	•
15" class I S.P. between stub 9	- Trade	No. of Men
MH# 10		Gen. Sub.
	Superintndt.	
	Foreman	
	Carpenter	
	Steel Worker	
Langer on administration for the fight damage of the second period state on p is second approximation	Laborer	2
	Cem. Finshr.	1
	Truck Driver	
	Equip Optr	3
<b>₩####################################</b>	Plumber	† <del>~~~</del> †~~~~
	Electrician	
	Crane Optr.	<u>+</u>
	Oiler	+ 7 +
		+
		+
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	formalis data and a second spectrum of the	
The second		
Work Delays:		
Materials Received:		
Official Visitors:	Contraction and a second second second	Carlos Carlos Carlos Carlos Carlos
W/Comments		
General Notes:	Nadada (1995) (Propaga Instantis da Cadadi - Balinadi Anasid	
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Simod M	then DR. Ach	ud NX
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		Job No. 23/1	8	
Emanuel Hospital Urban (Job Name)	Renewal			
(Job Name)		(Location)		
Report No. 5 Date 12-5-72	Weather Snow	showers To	amp.J	20
Work Programs From to I fug me	Ph T stak			
Work Progress: Excavated from to MH. # 10 and laid 8p Elass I S.P.	es af 15"	Trade	No. c	f Men
Elass L S.P.		-	Gen.	Sub
and a state of the second		Superintndt.	17	
	Mangana pada (pana da si) si pana sa dadi	Foreman	1	
Consistent deservation of the second system of		Carpenter		
		Steel Worker		
		Laborer	2	
		Cem. Finshr.		
		Truck Driver		
		Equip Optr	2	
		Plumber		
		Electrician		
		Crane Optr.		
		Oiler	17	
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NATIONAL CONTRACTOR OF THE OWNER		antigen auto-interaction - Contractory of the system		
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Work Delays:				
Veteratel - Decederate			and a standard of	
Materials Received:				
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Official Visitors.			Paulie Latin India	and a company
Official Visitors:				
W/Comments				
			and the second second	and an owner the division of the local divis
General Notes: Surveyors chec	Led prode	FAL TACK	P	
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Job No. 23/18 Emanuel Hospital Uthan Renewal - Phore II (Job Name) (Location) Report No. 4 Date 12-4-72 Weather Fair 4 cold Temp. 420 Work Progress: Excavated Stom stub to MH. TO + laid 2 pers of 150 Trade No. of Men Tunnell undet 010 Gen. Sub. clars V S.P.: ed Superintndt. brick S.L. Foreman Carpenter Steel Worker Laborar 2 Com. Finshr. Truck Driver Equip Optr 2 Plumber Electrician Crane Optr. Oiler Work Delays: Materials Received: Official Visitors: W/Comments General Notes Signed Whin SK. Schaidt

Job No. 23/18 Emanuel Hospital Urban Renewal Area (Joh Name) (Location) Report No. 3 Date 12-1-32 Weather Cloudy Temp. 52 Work Progress: Excavated from stub to MH# 10 and Taid 9 pcs. of 15" Trade No. of Men Gen. Sub. class 3 Superintndt Foreman Carpenter Steel Worker Laborer 2 Com. Finshr. Truck Driver Equip Optr. Plumber Electrician Crane Optr. Oiler Work Delays: Materials Received: Official Visitors: W/Comments General Notes: changes When contractor erai ( dn r excavated 9 excavating wi Totm sewet : 1 beggi ide under brie Signed Curly DR. Achadt

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J	ob No. 23/18	2	
Emandel Haspital Urban Renewal (Job Name)			
		ещо.	5-20
Report No. 2 Date 11-30-72 Weather Cloudy	4200/ T	9 ap -	54
Work Progress: Excavated Flom Phase I stab to MH. #10 and laid 7 pcs. of 15" class V - 5. P.	Trade	No. c	f Men
15" class V. S.P.		Gen.	Sub
	Superintndt.	+	
	Foreman	12_	<u> </u>
	Carpenter		
	Steel Worker	+	<u> </u>
	Laborer	+	
	Com. Finshr.		
	Truck Driver		
	Equip Optr	1/	
	Plumber		
	Electrician		
	Crane Optr.	+	
	Oiler	+	<u> </u>
	The second state of the local state of the		
	and the second sec	+	<u> </u>
Work Delays:			
Materials Received:			
Official Visitors:			
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General Notes:			
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Signed artic	DR. Sel	uff	M.

JOB NO. 23/18 Emanuel Hospital Urban Renewal (Phase II) Report No. / Date /1-29-72 Neather Cloudy to P. cloudy Temp. 540 Work Progress: Excavated = 4'of surface Material From MH.#40-of Phase I-to MH#10 Fot = 230'. No. of fen Trade Gen. Sub. Superintndt. 2 Foreman Carpenter Steel Worker International (H-30) FE Loader) Equipment Laborer 2 Cen. Minshr. 11500 Bantam C-475 Backhoe Truck Driver Fquin. Ontr. 1 Plumber Tlectrician Crane Ontr. Ciler Work DeLays: faterials Poceived: Official Visitors: W/Conments General Notes: Signed andin DR. Shutt