COLUMBIA RIVER

107-H RETENTION BASIN.

107-H EMERGENCY CRIB

PUMP HOUSE 1907-H

COMBINED SHOPS 1717 FL. 422.0

1716 FL. 420.25

1704

183-H FILTER PLANT

190-H FL. 420.0

105-H

PARKING

Connect to Existing Temp. Const. Water Main - Approx. Location. EXACT LOCATION OF CONNECTION TO BE DETERMINED IN THE FIELD.

Note: 3'6" Min Cover over Pipe

6" C.I. Fire + Sanitary Water

CONCRETE ENCASEMENT

MATCH LINE PER SECTION 9

MATCH LINE PER SECTION 15

NORTH

KEY MAP

SCALE 1" = 1600'

APPROVED FOR CONST.
PROJ. ENGR. E.V. MILLS - 6-7-49

AUG 1990 RECEIVED EDMC

JUL 11 1990
CAUTION
NOT COMPLETE WITHOUT CURRENT STATUS OF OUTSTANDING ECNS FROM DATA BASE

## LEGEND

- SANITARY SEWER
- FIRE HYDRANT
- VALVE
- SANITARY WATER (TEMP)
- S — PROCESS SEWER
- E.B. EXPANSION BOX
- J.B. JUNCTION BOX
- FIRE & SANITARY WATER

| No. | DATE | ISSUED FOR | APPROVED BY | DATE |
|---|---|---|---|---|
| 17. | 5-11-56 | REVISED & REDRAWN AS CHANGED | R.C. | 5-11-56 |
| 16. | 11-15-49 | CHECKED FOR AS BUILT | R.V.P. | P.M.M. |
| 15. | 11-1-49 | AS BUILT REV. MISC. AS BUILT CHANGES | | P.M.M. |
| 14. | 7-12-49 | GENERAL REVISIONS | W.H.J. | 7-19-49 |
| 13. | 6-20-49 | ADDED GATE VALVE & ADDED TEMP. FIRE LINE DELETED SANITARY SEWER | W.H.J. | 6-20-49 |
| 12. | 5-19-49 | ADDED 6" GATE VALVE | P.M.M. | 5-19-49 |
| 11. | 3-10-49 | HOLES REMOVED - 12" VALVE ADDED | P.M.M. | 3-10-49 |
| 10. | 2-24-49 | ADDED ANCHORS CHANGE COORDINATE | W.H.J. | 3-1-49 |
| 9. | 1-10-49 | NOTE ADDED | W.H.J. | 1-12-49 |
| 8. | 12-21-48 | | P.M.M. | 12-22-48 |
| 7. | 12-3-48 | | | 12-3-48 |
| 6. | 11-4-48 | RELOCATED 36" C.I. MAIN, ADDED ANCHORS TO 36" C.I. MAIN | W.H.J. | 11-5-48 |
| 5. | 10-28-48 | | | |
| 4. | 10-2-48 | APPROVAL & AS BUILT CHANGE | P.M.M. | |
| 3. | 9-24-48 | CONSTRUCTION OF 6.0 PROCESS SEWERS | P.M.M. | 10-4-48 |
| 2. | 9-11-48 | APPROVED FOR SANITARY & BL. WATER & SANITARY SYSTEM ONLY | P.M.M. | 9-11-48 |
| 1. | 7-13-48 | FOR CONSTRUCTION OF SANITARY SYSTEM AS SHOWN | 7-9-48 | E.V. MILLS |
| | 6-5-48 | CONSTRUCTION OF NEW FIRE WATER LINE AS SHOWN | | E.V. MILLS 6-7-48 |

SCALE 1" = 50'-0" DATE 5-7-48

G.E. APPROVALS

| BY | DEPT. | DATE |
|---|---|---|
| | | |

0301 GENERAL ELECTRIC CO.
0303 HANFORD WORKS

GIFFELS & VALLET INC., ENGINEERS
DETROIT MICH. GAN

JOB TITLE SITE PLAN
UNDERGROUND SERVICES
SANITARY WATER - SECTION 10

JOB 47-143
SHEET MECH.

PROJECT NO. 100-H
G.E. DWG. NO. P-1220

0301
0303

| DWG. NO. | TITLE |
|---|---|
| 7. P-4412 | CONCRETE ANCHORS |
| 6. P-4411 | SITE WORK-UNDERGROUND SERVICES MISC. DETAILS SHEET NO. 2 |
| 5. P-4338 | SITE WORK-UNDERGROUND SERVICES MISC. DETAILS SHEET NO. 1 |
| 4. P-4406 | TRACE OF PROPOSED FIRE WATER MAIN |
| 3. P-4336 | SITE WORK-UNDERGROUND SERVICES PROCESS SEWER MANHOLE DETAILS SHEET NO. 3 |
| 2. P-4335 | SITE WORK-UNDERGROUND SERVICES MANHOLE DETAILS SHEET NO. 2 |
| 1. P-4316 | SITE WORK-UNDERGROUND SERVICES MANHOLE DETAILS |

REFERENCE DRAWINGS

NONE
CLASSIFICATION

NONE



0010368

COLUMBIA RIVER

107-H RETENTION BASIN.

PUMP HOUSE 1907-H

COMBINED SHOPS 1717 FL. 422.0

INSTRUMENTATION REPAIR SHOP 1716 FL. 420.25

SUPERVISORS OFFICE 1704

PARKING

183-H FILTER PLANT

190-H FL. 420.0

105-H

107-H EMERGENCY CRIB

Compact to Existing Temp. Const. Water Main - Approx. Location. EXACT LOCATION OF CONNECTION TO BE DETERMINED IN THE FIELD.

Note: 3'-6" Min cover over pipe

6" C.I. Fire + Sanitary Water

CONCRETE ENCASEMENT

MATCH LINE FOR SECTION 5

MATCH LINE FOR SECTION 15

N

JUL 11 1990

CAUTION

NOT COMPLETE WITHOUT CURRENT STATUS OF OUTSTANDING ECNS FROM DATA BASE

KEY MAP

SCALE 1" = 1600'

APPROVED FOR CONST.

PROJ. ENGR. E.V. MILLS - 6-7-1948

## LEGEND

W 39,200.

- SANITARY SEWER
- FIRE HYDRANT
- VALVE
- SANITARY WATER (TEMP)
- PROCESS SEWER
- E.B. EXPANSION BOX
- J.B. JUNCTION BOX
- FIRE & SANITARY WATER

| No. | DATE | ISSUED FOR | APPROVED BY | DRAWN BY |
|---|---|---|---|---|
| 17. | 5-11-56 | INTERCEPTOR & RETENTION BASIN AS CONSTRUCTED | R.V.P. | [illegible] |
| 16. | 11-15-49 | CHECKED & AS BUILT | R.V.P. | P.M.M. |
| 15. | 11-1-49 | AS BUILT REV. MISC. AS BUILT CHANGES | | R.R.R. |
| 14. | 7-12-49 | GENERAL REVISIONS | J.N.J. | 7-12-49 |
| 13. | 6-20-49 | ADDED GATE VALVE AND SANITARY WATER | J.N.J. | 6-20-49 |
| 12. | 5-19-49 | ADDED 6" GATE VALVE | P.M.M. | 5-19-49 |
| 11. | 3-10-49 | HOLES REMOVED - 10" VALVE ADDED | P.M.M. | 3-10-49 |
| 10. | 2-24-49 | ADDED ANCHORS CHANGED COORDINATES | J.N.J. | 3-1-49 |
| 9. | 1-10-49 | [illegible] | J.N.J. | 1-12-49 |
| 8. | 12-21-48 | NOTE ADDED | P.M.M. | 12-22-48 |
| 7. | 12-3-48 | [illegible] | [illegible] | [illegible] |
| 6. | 11-4-48 | [illegible] | J.N.J. | 11-9-48 |
| 5. | 10-28-48 | [illegible] | | |
| 4. | 10-12-48 | APPROVED & AS BUILT CHANGE | P.M.M. | |
| 3. | 9-24-48 | CONSTRUCTION OF 6" PROCESS SEWERS | P.M.M. | 10-4-48 |
| 2. | 9-11-48 | APPROVED FOR SANITARY & FIRE WATER & SANITARY SYSTEM ONLY | P.M.M. | 9-11-48 |
| 1. | 7-13-48 | FOR CONSTRUCTION OF SANITARY SYSTEM - AS SHOWN | 7-9-48 | E.V. MILLS |
| | 6-5-48 | CONSTRUCTION OF FIRE & SANITARY WATER LINE AS SHOWN | | E.V. MILLS 6-5-48 |

SCALE - 1" = 80'-0" DATE 5-7-48

C.E. APPROVALS

| BY | DEPT. | DATE |
|---|---|---|
| | | |

0301 GENERAL ELECTRIC CO.

0303 HANFORD WORKS

GIFFELS & VALLET INC., ENGINEERS

DETROIT MICHIGAN

JOB TITLE SITE PLAN

UNDERGROUND SERVICES

SANITARY WATER SECTION 10

DRAWING NO. 47-143

DRAWING MECH.

PROJECT NO. 100-H

C.E. DWG. NO. P-1220

0301 0303

NONE

CLASSIFICATION

| No. | Dwg. No. | TITLE |
|---|---|---|
| 7. | P-4412 | CONCRETE ANCHORS |
| 6. | P-4411 | SITE MAP UNDERGROUND SERVICES PROJ. DETAILS SHEET NO. 3 |
| 5. | P-4338 | SITE MAP UNDERGROUND SERVICES PROJ. DETAILS SHEET NO. 2 |
| 4. | P-4406 | CONCRETE ANCHORS FOR WATER MAINS |
| 3. | P-4336 | SITE MAP UNDERGROUND SERVICES PROJECT SCALE HANDOLE DETAILS - SHEET NO. 2 |
| 2. | P-4335 | SITE MAP UNDERGROUND SERVICES PROJECTS SCALE HANDOLE DETAILS - SHEET NO. 1 |
| 1. | P-4316 | EXPANSION BOX REF. DETAILS |

REFERENCE DRAWINGS

40

40

42