

LEGEND

MATERIALS

CONCRETE

RIP-RAP

LINES

SUBDIVISION BOUNDARY

PROPERTY LINE (PLAN)

PROPERTY LINE (SECTION)

CENTERLINE

EASEMENT LINE

MATCH LINE

SECTION CUT LINE

EARTHWORK

CONTOUR LINE

SPOT ELEVATION

PROJECT / PHASE BOUNDARY

SWALE

DIRECTION OF FLOW

MISCELLANEOUS UTILITIES

GAS LINE

UNDERGROUND TELEPHONE

UNDERGROUND ELECTRICAL

STORM DRAIN

STORM DRAIN MANHOLE

STORM DRAIN INLET

SANITARY SEWER

SANITARY SEWER LINE

SANITARY SEWER MANHOLE

SAS SERVICE CONNECTIONS

SAS CAP OR PLUG

ENCASEMENT

WATER

WATER LINE

WATER SERVICE CONNECTIONS

GATE VALVE

FIRE HYDRANT

BUTTERFLY VALVE

REDUCER

WATER PRESSURE ZONE BOUNDARY

WATER FITTINGS

CAPS AND PLUGS

ELBOW

CROSS

TEE

MISCELLANEOUS

CHAINLINK FENCE

FIELD FENCE

COMMON YARD WALL

RETAINING WALL

POWER OR TELEPHONE POLE

2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-3878-2011

CONSTRUCTION PLANS

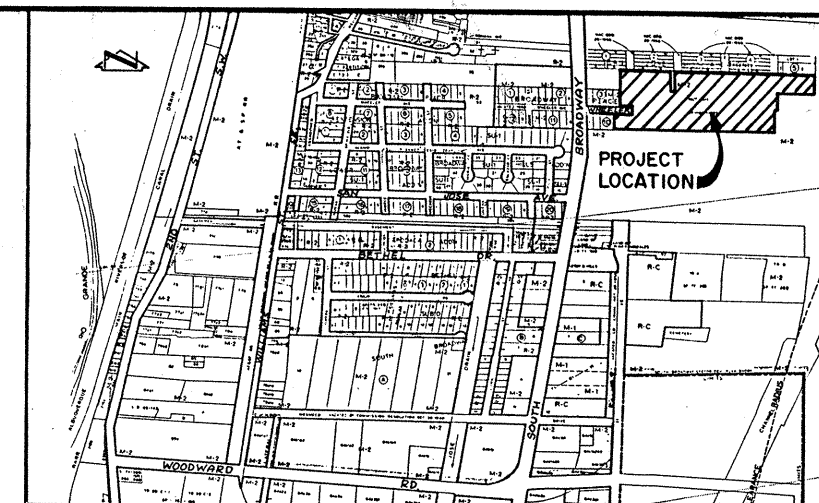
for

LANDS OF BROADWAY
DEVELOPMENT COMPANY
PUBLIC INFRASTRUCTURE
IMPROVEMENTS

ALBUQUERQUE, NEW MEXICO
DECEMBER, 1991

INDEX OF DRAWINGS

1. COVER SHEET, VICINITY MAP, GENERAL NOTES, LEGEND, AND INDEX OF DRAWINGS
2. FINAL PLAT
3. WHEELER AVENUE S.E. CUL-DE-SAC IMPROVEMENTS
4. FIRE HYDRANT INSTALLATION
5. 10" WATERLINE EXTENSION AND WATER VALVE SHUTOFF PLAN

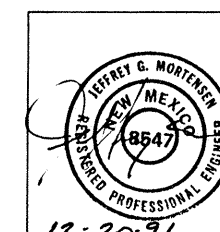


VICINITY MAP
SCALE: 1"=800' (APPROX.)

GENERAL NOTES:

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS - PUBLIC WORKS CONSTRUCTION - 1986.
2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
3. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND CONSTRUCTION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE, THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
4. SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
6. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH.
7. CONTRACTOR SHALL COMPLY WITH SECTION 19 OF THE "STANDARD SPECIFICATIONS".
8. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
9. BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
10. TACK COAT REQUIREMENTS SHALL BE DETERMINED DURING CONSTRUCTION BY THE PROJECT ENGINEER.
11. SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
12. IF CURB IS DEEPENED FOR A DRIVEPAD OR A HANDICAP RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
13. ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
14. CONTRACTOR SHALL COORDINATE WITH THE WATER SYSTEM DIVISION FOR THE EXECUTION OF THE VALVE SHUT OFF PLAN, NOT LESS THAN THREE (3) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT THE EXISTING PUBLIC WATER UTILITIES. ONLY WATER SYSTEM DIVISION PERSONNEL SHALL OPERATE EXISTING VALVES. REFER TO SECTION 19 OF THE SPECIFICATION.
15. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE ENGINEER. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE SPECIFICATIONS.
16. THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION CO-ORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADE PERMIT FROM THE CONSTRUCTION CO-ORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. CONTRACTOR MUST REFER TO SECTION 19 OF THE STANDARD SPECIFICATION FOR TRAFFIC CONTROL.
17. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING OR AS INDICATED BY THIS PLAN SET.

| REV | SHEETS | CITY ENGINEER | DATE | USER DEPARTMENT | DATE | USER DEPARTMENT | DATE |
|-----------------------|--------|---------------|------|-----------------|------|-----------------|------|
| APPROVAL OF REVISIONS | | | | | | | |



Jma
JEFF MORTENSEN & ASSOCIATES, INC.
800-B MIDWAY PARK BLVD N.E.
ALBUQUERQUE, NEW MEXICO 87105
ENGINEERS 505/345-4250

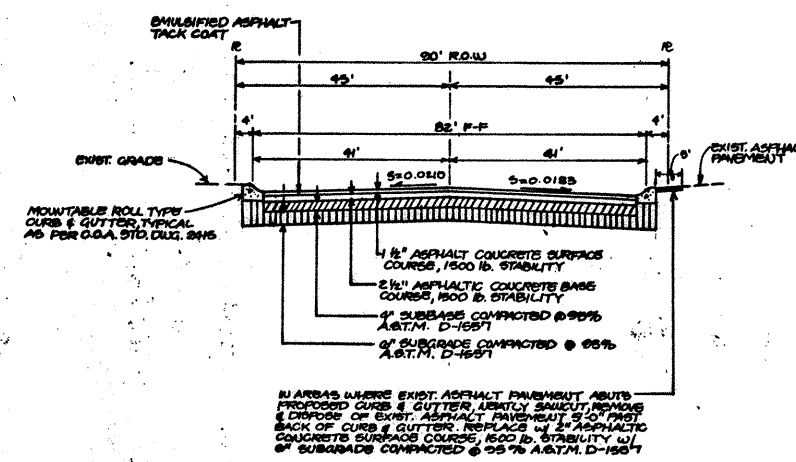
APPROVED FOR
CONSTRUCTION

Roger A. Green
C.E.

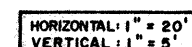
PROJECT:

3878

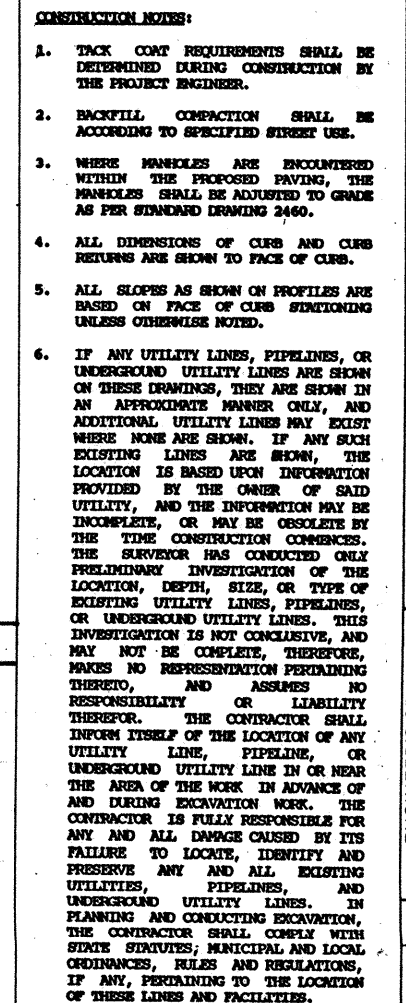
SHEET 1 OF 5



| CURVE DATA | | | |
|------------|------------|--------|---------|
| CURVE | Δ | R | L |
| ① | 73°25'02" | 25.00' | 32.03' |
| ② | 89°40'46" | 45.00' | 70.43' |
| ③ | 157°58'40" | 45.00' | 199.03' |
| ④ | 05°45'36" | 45.00' | 4.52' |

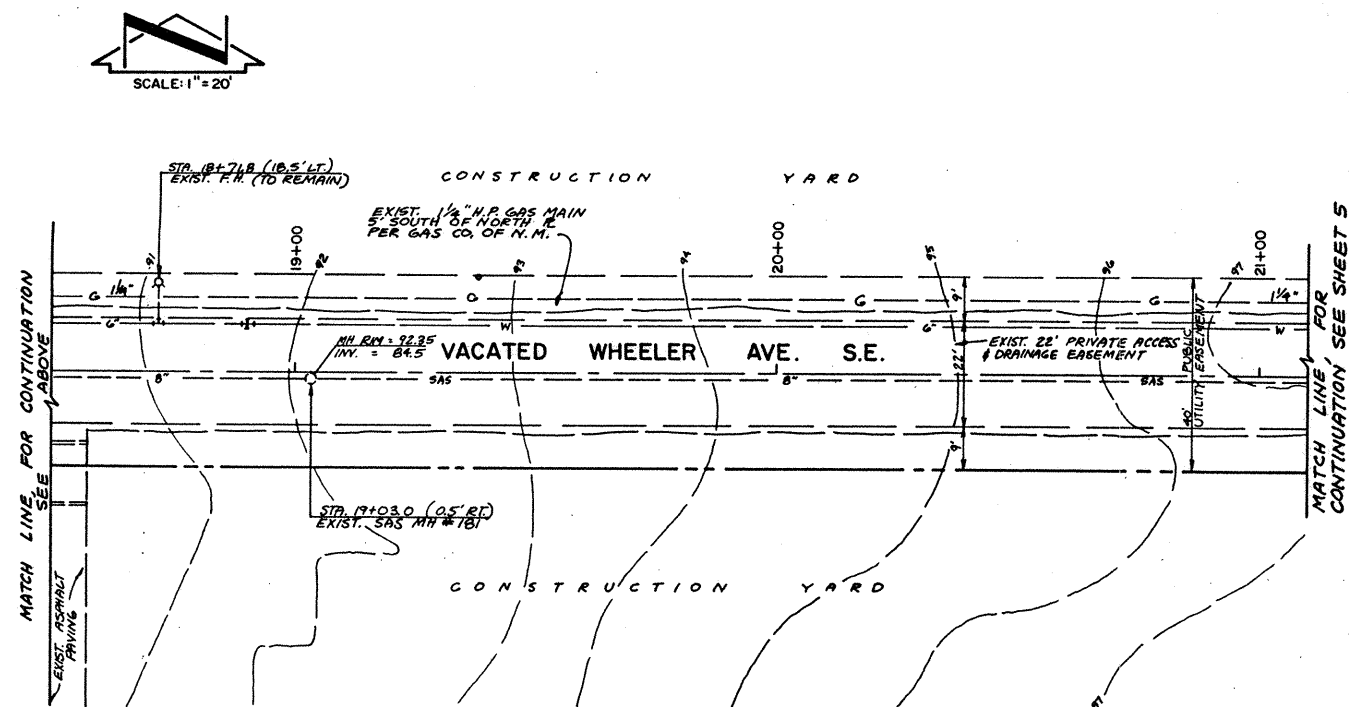
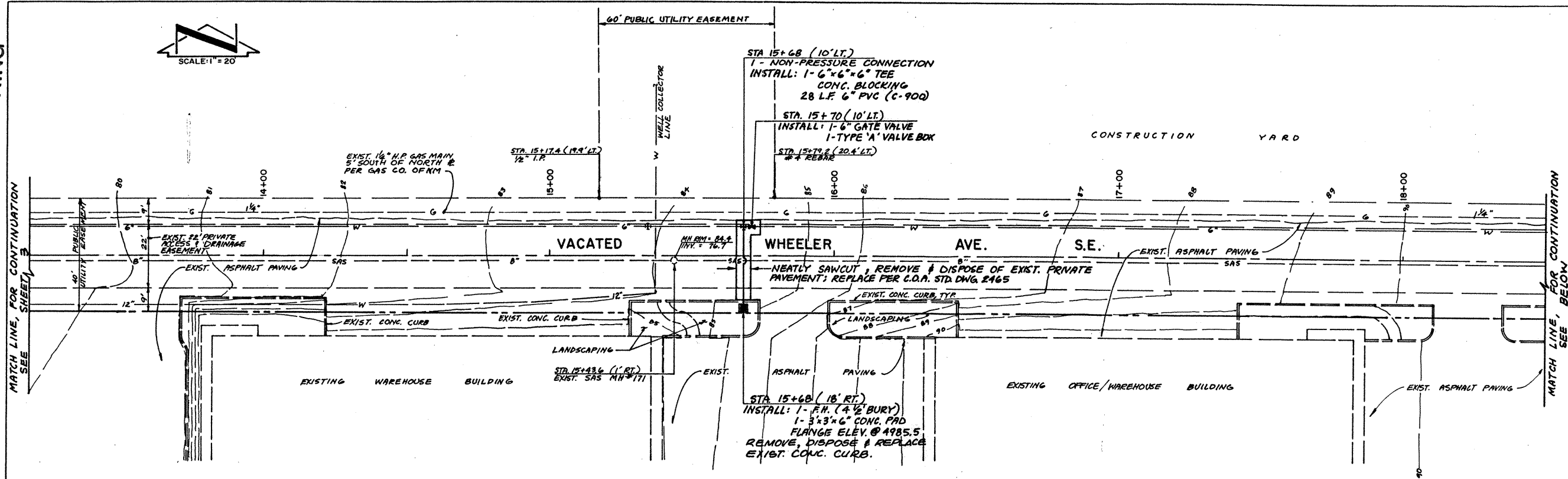


JOB # 40579



| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|----------------|------------------------|----------|-------------|------------|---------|
| D.R.C. CHAIR | <i>Robert J. Hines</i> | 1-17-92 | WATER | <i>HRD</i> | 1-15-92 |
| TRANSPORTATION | <i>Robert J. Hines</i> | 1-20-92 | WASTE WATER | <i>HRD</i> | .. |
| HYDROLOGY | <i>J. Hines</i> | 12-23-91 | | | |
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|-------------|------|---------|--------|-------|---|----|---|
| DRAWING NO. | 3878 | MAP NO. | M - 14 | SHEET | 3 | OF | 5 |
|-------------|------|---------|--------|-------|---|----|---|



CONSTRUCTION NOTES:

1. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND ADDITIONAL UTILITY LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE SURVEYOR HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE, THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
2. SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.
3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
4. BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
5. STATIONING BASED UPON CENTERLINE OF PUBLIC UTILITY EASEMENT.
6. STATIONING SHOWN HEREON INDEPENDENT OF SHEETS 3 AND 5.

| ENGINEER'S SEAL | | | | SURVEY INFORMATION | | | BENCH MARKS | | AS BUILT INFORMATION | | |
|-----------------|--|--|--|--------------------|------------------|------|--|--|------------------------|--|--|
| | | | | FIELD NOTES | | | | | | | |
| | | | | NO. | BY | DATE | LOCATED IN THE MEDIAN IN THE CENTER OF | | CONTRACTOR | | |
| | | | | N/A | WALKER SURVEYING | 1984 | BROADWAY BLVD. S.E. APPROXIMATELY | | STANDARD BY | | |
| | | | | | | | 2 MILES SOUTH OF DOWNTOWN. | | INSPECTOR'S | | |
| | | | | | | | ELEVATION: 4966.06 FEET (M.S.L.D) | | FIELD PLANCE BY | | |
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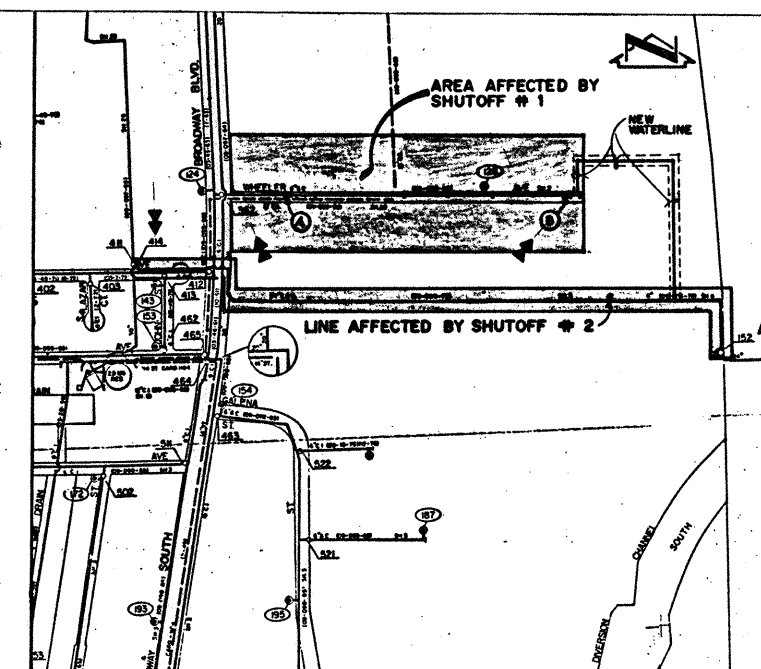
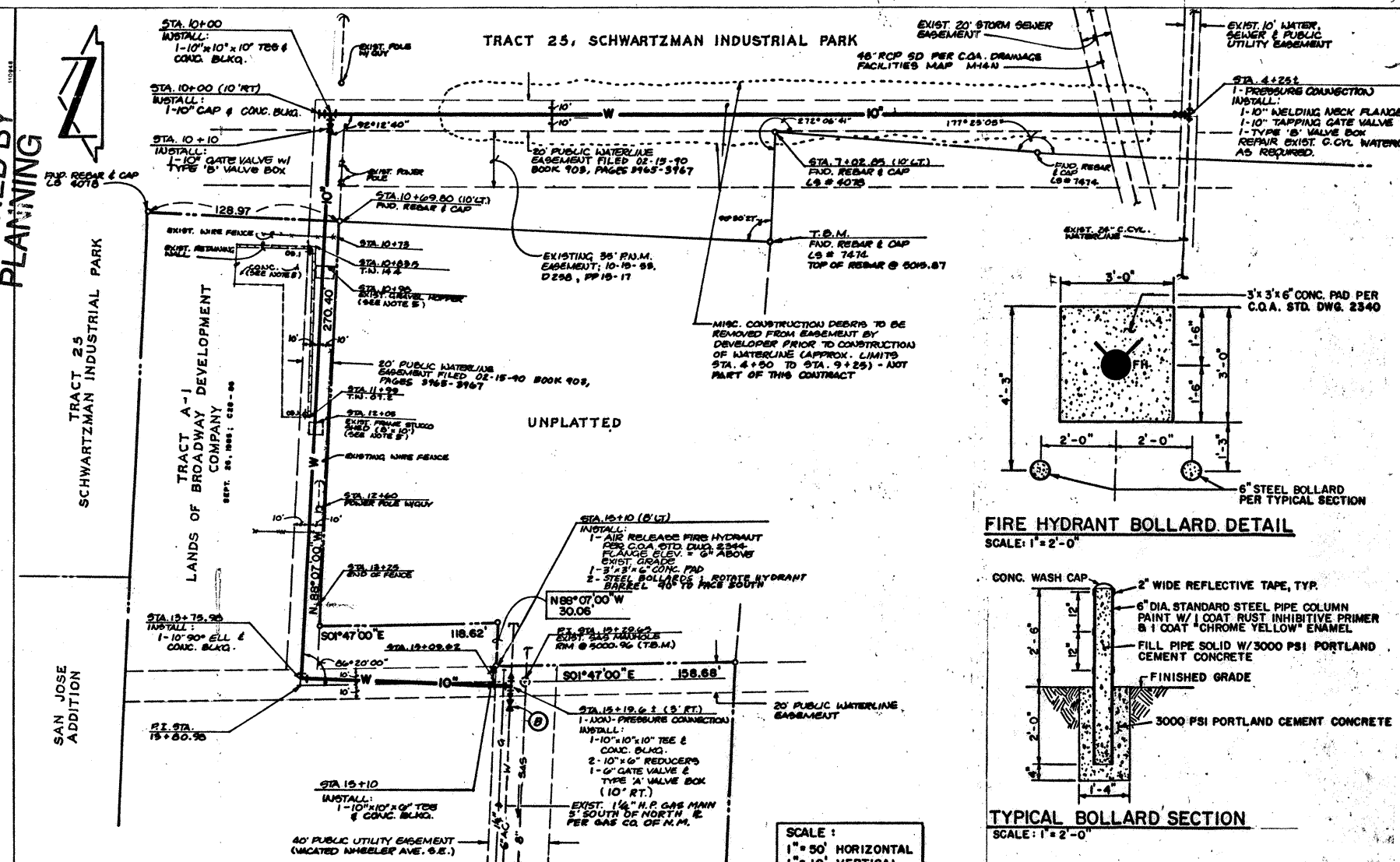
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LANDS OF BROADWAY DEVELOPMENT CO.
FIRE HYDRANT INSTALLATION

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|----------------|----------------------|----------|-------------|------------|---------|
| DRC CHAIRMAN | <i>Ronald R. ...</i> | 1-17-92 | WATER | <i>NCD</i> | 1-15-92 |
| TRANSPORTATION | <i>P. ...</i> | 1-08-92 | WASTE WATER | <i>NCD</i> | " |
| HYDROLOGY | <i>W. ...</i> | 12-23-91 | | | |

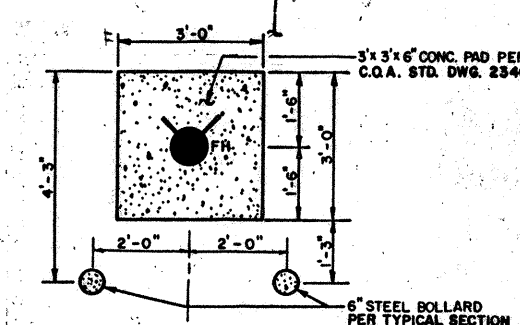
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|-------------|------|---------|------|-------|---|----|---|
| PROJECT NO. | 3878 | MAP NO. | M-14 | SHEET | 4 | OF | 5 |
|-------------|------|---------|------|-------|---|----|---|

SCANNED BY
PLANNING



CONSTRUCTION NOTES:

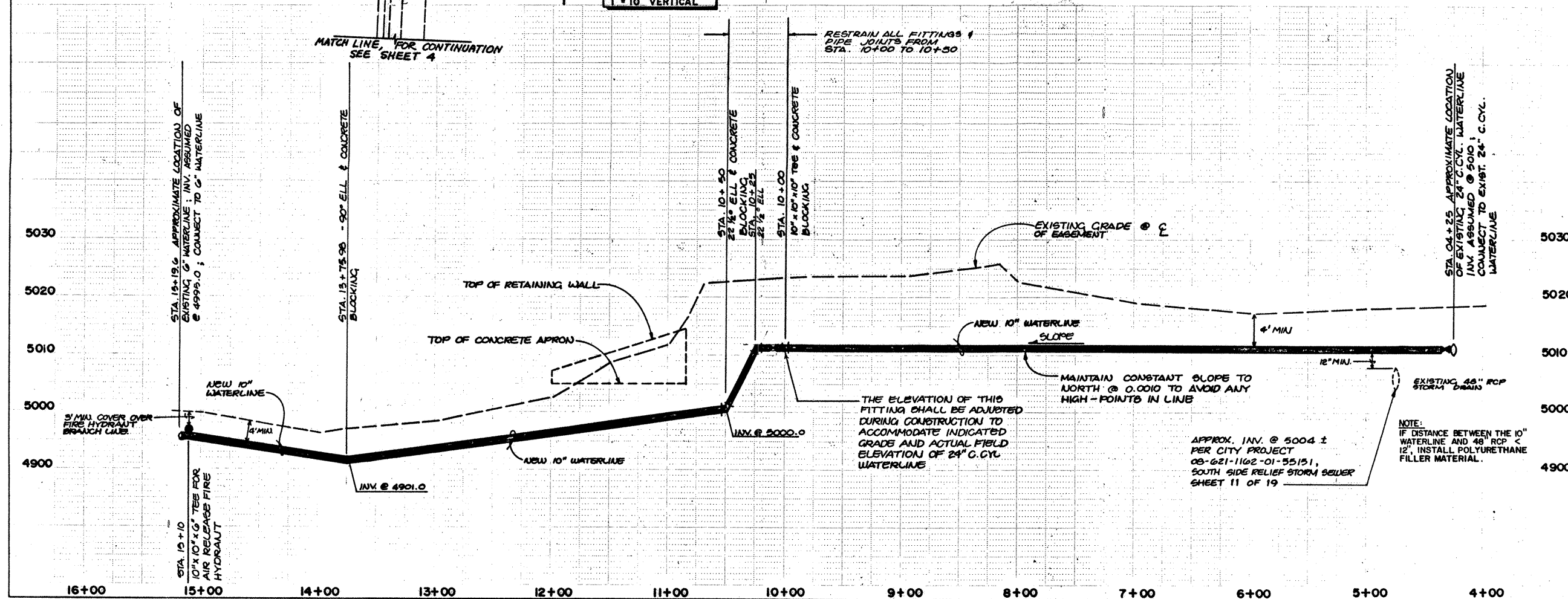
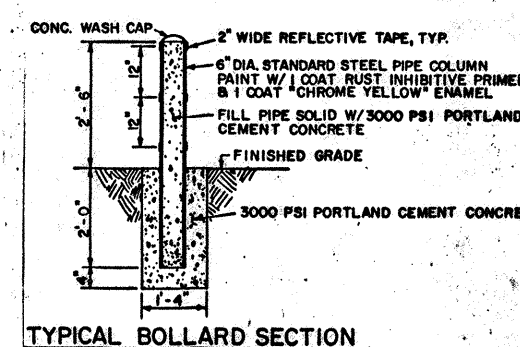
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WATER VALVE SHUT-OFF PLAN / VICINITY MAP M14-15
SCALE: 1" = 400'

WATER VALVE SHUTOFF PLAN NOTES:

1. AS A MINIMUM, THE CONTRACTOR SHALL CLOSE THE FOLLOWING VALVES TO EFFECT THE RESPECTIVE SHUTOFFS:
 - A. SHUTOFF #1 (CONNECTION @ EAST END OF VACKED WHEELER AVENUE S.E.): VALVES 362 AND/OR (A).
 - B. SHUTOFF #2 (CONNECTION TO 24" CONCRETE CYLINDER WATERLINE): VALVES (N 14) 414 AND 152 (N 5).
 - C. SHUTOFF #3 (CONNECTION TO EXISTING 6" WATERLINE @ STA 15+68): VALVES (A) AND (B).
 - D. SHUTOFF #4 (CONNECTION TO EXISTING 6" WATERLINE IN CUL-DE-SAC): VALVES 362 AND/OR (B).
2. THE CONTRACTOR SHALL NOTIFY WATER SYSTEMS, THREE (3) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATERLINE; ALL SHUTOFFS SHALL BE PERFORMED BY THE WATER SYSTEMS DIVISION PERSONNEL.
3. THE CONTRACTOR SHALL PROVIDE ALL RESTRAINTS AND THRUST BLOCKS NECESSARY TO EFFECT THE NECESSARY SHUTOFFS AND CONNECTIONS.
4. EXISTING WATER VALVE AND WATERLINE INFORMATION OBTAINED FROM CITY OF ALBUQUERQUE WATER SECTIONAL MAPS N-14N AND N-15N.



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|---|--|---|--|---|--|---|--|
| ENGINEER'S SEAL  | | SURVEY INFORMATION FIELD NOTES NO. BY DATE N/A WALKER SURVEYING 1984 | | BENCH MARKS N.M.S.H.C. BRASS CAP STAMPED "N.M. 361-3" LOCATED IN THE MEDIAN IN THE CENTER OF BROADWAY BLVD. S.E. APPROXIMATELY 2 MILES SOUTH OF DOWNTOWN. ELEVATION - 4966.06 FEET (M.S.L.D) | | AS BUILT INFORMATION CONTRACTOR WORKED BY INSPECTOR'S ACCEPTANCE BY VERIFICATION BY CORRECTED BY DATE MICRO-FILM INFORMATION RECORDED BY NO | |
| NO. DATE REMARKS BY REVISIONS DESIGN | | DESIGNED BY J.G.M. DATE 04-89 DRAWN BY G.H. DATE 04-89 CHECKED BY J.G.M. DATE 04-89 | | 12-20-87 04-10-89 | | | |
| PERQUEE PARTMENT GROUP ENGINE COMPANY OFF PLAN. | | APPROVALS WATER | | ENGINEER DATE | | 1-15-90 .. | |
| SHEET 5 OF 5 | | | | | | | |