

SALT RIVER PROJECT
Land Department/PAB10W
P. O. Box 52025
Phoenix, Arizona 85072-2025

SALT RIVER PROJECT
LAND USE LICENSE

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ORIGINAL DOCUMENT**

**SALT RIVER PROJECT
LAND USE LICENSE**

Municipal Utility Purposes

Salt River Project License No.: 88041
Salt River Project File No.: 1371.1208
Effective Date: June 1, 2022
Agent: HDL

1. License Granted

WHEREAS, Licensors and the Salt River Valley Water Users' Association (Association) manage the Licensed Property pursuant to contracts with the United States of America (USA), which assign to Licensors the responsibility and authority for the care, operation, maintenance and management of the Salt River Reclamation Project ("Reclamation Project") of which the Licensed Property is a part, and;

WHEREAS, Licensors hereby acknowledges and consents to Licensee's continued use of the Licensed Property in a manner consistent with paragraph 2 hereof and that does not in any way compromise the contractual obligation or authority of Licensors to manage the Reclamation Project.

For valuable consideration acknowledged and received by Licensors, the **SALT RIVER PROJECT AGRICULTURAL IMPROVEMENT AND POWER DISTRICT**, an agricultural improvement district organized and existing under the laws of the State of Arizona ("Licensors"), grants **THE CITY OF CHANDLER**, an Arizona municipal corporation ("Licensee"), a revocable License granting the nonpossessory and nonexclusive right and privilege to enter upon and use certain real property, the Licensed Property, under the following terms and conditions. Nothing herein shall be construed as a conveyance of a real property interest in the Licensed Property.

2. Purpose

Licensee shall make the Licensed Property available for use by the general public and may use the Licensed Property only for water and sewer lines and associated facilities. See Exhibit A, B, and C for additional facility specifications attached hereto and a part hereof. Licensee shall not use the Licensed Property for any other purpose without the prior written approval of Licensors. Licensee acknowledges that, but for this License, it has no rights to use or occupy the Licensed Property and represents that it makes no claim to such rights.

3. Licensed Property

The Licensed Property shall mean: That portion on the East bank of the Gila Drain that lies in the Northeast Quarter of Section 27 Township 01 South Range 04 East, Gila and Salt River Meridian, Maricopa County, Arizona and more particularly described on Exhibit A, B, and C attached hereto and made a part hereof.

4. Compensation

4.1 Licensee shall reimburse Licensors, for all federal, state and local excise, sales, privilege, gross receipts and other similar taxes lawfully imposed on and paid by Licensors as a result of any License Fees received by Licensors under this License; provided, however, that this Section shall not apply to income taxes. Licensee shall pay all property taxes, if any, levied on the Licensed Property.

4.2 All amounts paid by Licensee to Licensors as a result of damages, costs, expenses and sums incurred by Licensors hereunder as a result of Licensee's default shall be deemed to be License Fees.

4.3 Any payment due under this License that is not paid within 30 days of its due date shall bear interest from the date such payment was due at the rate of eighteen percent (18%) per annum. Licensors shall have all the rights and remedies provided herein and by law for Licensee's failure to pay any of the compensation specified in this Section 4.

4.4 Within 30 days of Licensors' delivery of an invoice therefore, Licensee shall pay any incremental increase in Licensors' operation and maintenance costs on the Licensed Property resulting from Licensee's exercise of its rights hereunder. Licensors shall incur no liability for any costs of repairing or replacing Licensee's improvements within the Licensed Property, damaged as a result of Licensors' operation and maintenance of its facilities, unless due to negligent or willful acts or omissions of Licensors or its agents or employees.

4.5 In the event of non-payment by Licensee of any amount due hereunder, Licensors' remedies shall include, though not be limited to, the collection of past due compensation and termination of this License.

5. Term

The term of this License shall be for Fifteen (15) Licensed Years (as defined below) beginning June 1, 2022 and ending May 31, 2037. Unless earlier terminated pursuant to the terms set forth herein, and may be renewed upon written agreement by the parties. For purposes of this License, the term "License Year" shall mean each twelve (12) month period during the term of this License commencing on June 1st and ending at midnight on the next succeeding May 31st.

6. Default

If a party ("Defaulting Party") fails (i) to make payment required herein by its due date or (ii) perform an obligation under this License within 30 days after written notice is given to the Defaulting Party of its failure to perform such obligation on the date when such performance was due (or, if such default cannot reasonably be cured within 30 days, then within such longer period as is determined by the non-defaulting party to be necessary to cure such default, provided the Defaulting Party commences to cure such default within the 30 day period), then, upon the expiration of the applicable cure period, if any, the non-defaulting party may terminate this

License upon not less than 30 days prior written notice to the Defaulting Party.

7. Rights of the United States of America

7.1 This License is subject to the paramount rights and regulatory jurisdiction of the USA in and to the Licensed Property, federal reclamation law, and all agreements existing and to be made between and among the USA, the Association, and Licensor regarding the management, care, operation and maintenance of the Reclamation Project.

7.2 The USA reserves the right of its officers, agents, and employees at all times to have unrestricted access and ingress to, passage over, and egress from all of said lands, to make investigations of all kinds, dig test pits and drill test holes, to survey for and construct reclamation and irrigation works and other structures incident to Federal Reclamation Projects, or for any purpose whatsoever.

8. Successors and Assigns

The privileges granted to Licensee herein shall not inure to or benefit any person or entity other than Licensee, either through assignment or sublicense. Any attempt by Licensee to so assign or sublicense all or any portion of the Licensed Property for any purpose whatsoever shall void this License.

9. Termination of the License

9.1 Either party or the USA may terminate this License without cause upon written notice of not less than one License Year.

9.2 The USA or Licensor may, at any time and at no cost or liability to the USA or Licensor, terminate this License if the USA or Licensor determines that any of the following apply:

(i) The use has become incompatible with authorized project purposes, project operations, safety, and security;

(ii) A higher public use is identified through a public process described at 43 CFR § 429.32(a)(1); or

(iii) Termination is necessary for operational needs of the project.

9.3 The USA or Licensor may, at any time and at no cost or liability to the USA or Licensor, terminate this License if the USA or Licensor determines that the Licensee has failed to use the Licensed Property for its intended purpose for a period of at least six (6) consecutive months. Further, failure to construct improvements pursuant to Section 15 hereof within the timeframe specified in the terms of the License may constitute a presumption of abandonment of the requested use and cause termination of the License.

9.4 Upon the expiration, termination, or revocation of this License, if all License Fees and damage claims due the USA and Licensor have been paid, the Licensee shall remove all

structures, equipment, or other improvements made by it from the Licensed Property at no cost to the USA or Licensors. Upon failure to remove any such improvements within one hundred eighty (180) days of the expiration, termination, or revocation, any remaining improvements shall, at the option of the USA or Licensors, be removed or become the property of the USA or Licensors. The Licensee shall pay all expenses of the USA or Licensors, or their assigns, related to the removal of such improvements.

10. Maintenance of Licensed Property & Interface with Licensors's Use of Licensed Property

10.1 Licensee, at its own expense, shall maintain the Licensed Property in reasonably good, sanitary and safe condition. Subject to the conditions set forth herein, Licensors reserves to itself and Association, a right of access to the Licensed Property for the construction, use, operation, maintenance, relocation and removal of any existing and future electric or water distribution or transmission facilities. Any such construction, use, operation, maintenance, relocation or removal shall be performed in a manner designed to avoid, to the extent feasible, disturbance to Licensee's improvements and Licensee's use and enjoyment of the Licensed Property. Licensors shall give Licensee at least ninety (90) days prior written notice of any such construction, use, operation, maintenance, relocation or removal that will materially disrupt Licensee's use and enjoyment of the Licensed Property or the Licensee's improvements; provided, however, that such notice may be given in such shorter period as Licensors determines to be reasonable under prevailing circumstances, or with no notice in the event of an emergency where no notice is feasible. Nothing in this License shall be construed to deny or lessen the powers and privileges granted Licensors by the laws of the State of Arizona. Licensors shall not be liable to Licensee for any damage to Licensee's improvements located upon the Licensed Property, unless due to negligent or willful acts or omissions of Licensors or its agents or employees.

10.2 If Licensee defaults in the performance of the obligations set forth in Section 10.1, and Licensors gives notice of the default, Licensee shall correct such default to the reasonable satisfaction of Licensors within the required period of time set forth in the notice of default (the "Correction Period"), which period of time shall be reasonable under the circumstances. If Licensee fails to correct the default within the Correction Period, Licensors may take any action reasonably determined by Licensors to be necessary to correct such default, including without limitation making any repair or modification to or removing any of Licensee's improvements. Licensee shall reimburse Licensors for the reasonable costs it incurs to correct such default within thirty (30) days after Licensors presents Licensee with a statement of such costs. Licensee shall release Licensors and Association from all damages resulting to Licensee from the correction of such default, including, without limitation, those damages arising from all repairs or modifications to or removal of any of Licensee's improvements.

10.3 The USA, acting through Reclamation, Department of the Interior, reserves rights to construct, operate, and maintain public works now or hereafter authorized by the Congress without liability for termination of the License or other damage to Licensee's activities or facilities.

11. Nonexclusive Rights

This License is nonexclusive and nothing herein shall be construed to prevent or restrict Licensors from granting other privileges to use the Licensed Property in a manner Licensors or the USA deems not inconsistent with Licensee's use of the Licensed Property in accordance with this License.

12. Existing Easements and Licenses

This License is subject to all existing encumbrances of record, including easements and licenses. It shall be Licensee's obligation and responsibility to ascertain the rights of all third parties in the Licensed Property. Licensors consent only to the use of the Licensed Property for the purposes described herein, in its capacity as manager of the Licensed Property and on behalf of the USA. Nothing in this License shall be construed as Licensors' representation, warranty, approval or consent regarding rights in the Licensed Property held by other parties. Licensee shall indemnify and hold Licensors, the USA and the Association harmless from any liability arising out of any dispute or claim regarding actual or alleged interests in the Licensed Property, affecting Licensee's interests created herein, and shall release Licensors, the USA and Association from any such claims on its own behalf.

13. Indemnification

13.1 To the extent not prohibited by law or expressly excepted herein, Licensee, its successors and assigns ("Indemnitors"), shall indemnify, release, and hold harmless Licensors and Association ("Indemnitees") and the directors, officers, employees, agents, successors and assigns thereof, for, from and against any damage, loss or liability caused in whole or in part by Licensee, regardless of whether caused in part by Indemnitees or any of them, and suffered by Indemnitees as a result of any claim, demand, lawsuit or action of any kind, whether such damage or loss is to person or property, arising out of, resulting from or caused by: (a) the acts or omissions of Licensee, its agents, contractors, officers, directors, or employees; (b) Licensee's use or occupancy of the Licensed Property for the purposes contemplated by this License, including but not limited to claims by third parties who are invited or permitted onto the Licensed Property, either expressly or impliedly, by Licensee or by the nature of Licensee's improvement or other use of the Licensed Property pursuant to this License; (c) Licensee's failure to comply with or fulfill its obligations established by this License or by law. Such obligation to indemnify shall extend to and encompass all costs incurred by Licensors in defending against such claims, demands, lawsuits or actions, including but not limited to attorney, witness and expert witness fees, and any other litigation related expenses. Indemnitors' obligation pursuant to this Section shall not extend to any damage, loss or liability as a result of any claim, demand, lawsuit or action of any kind, whether such damage, loss or liability is to person or property arising out of, resulting from or caused by the sole, exclusive acts or omissions of Indemnitees, their contractors, directors, officers, employees, agents, successors or assigns for which Licensors shall indemnify, release and hold harmless Indemnitors. Licensors' obligation to indemnify Indemnitors shall extend to and encompass all costs incurred by Indemnitors in defending against such claims, demands, lawsuits or actions, including but not

limited to attorney, witness and expert witness fees, and any other litigation related expenses. The provisions of this Section shall survive termination of this License.

13.2 The Licensee agrees to indemnify the USA for, and hold the USA and all of its representatives harmless from, all damages resulting from suits, actions, or claims of any character brought on account of any injury to any person or property arising out of any act, omission, neglect, or misconduct in the manner or method of performing any construction, care, operation, maintenance, supervision, examination, inspection, or other activities of the Licensee.

14. Insurance

Unless self-insured, without limiting any liabilities or any other obligations of Licensee, Licensee shall provide and maintain, with forms and insurers acceptable to Licensors, and until all obligations under the License are satisfied, the minimum insurance coverages, as follows:

14.1 If applicable, worker's compensation insurance to cover obligations imposed by applicable federal and state statutes and employer's liability insurance with a minimum limit of One Million and No/100 Dollars (\$1,000,000.00).

14.2 Commercial General liability insurance with a minimum combined single limit of Two Million Dollars (\$2,000,000.00) each occurrence or current homeowner's liability policy. The policy shall include coverage for bodily injury liability, property damage liability, and for liability assumed under this License.

14.3 If applicable, comprehensive automobile liability insurance with a combined single limit for bodily injury and property damage of not less than Two Million and No/100 Dollars (\$2,000,000.00) each occurrence with respect to Licensee's vehicle, whether owned, hired or non-owned, assigned to or used in the performance of the work.

14.4 The policies required by Sections 14.2 and 14.3 hereof shall be endorsed to include Licensors, members of its governing bodies, its officers, agents and employees as additional insureds and shall stipulate that the insurance afforded for Licensors, members of its governing bodies, its officers, agents and employees shall be primary insurance and that any insurance carried by Licensors, members of its governing bodies, its officers, agents or employees shall be excess and not contributory insurance.

14.5 Licensee shall waive their rights of recovery and require its insurers providing the required coverages to waive all rights of subrogation against Licensors and members of its governing bodies, its officers, agents and employees for matters arising out of this License.

14.6 Upon execution of this License, Licensee shall furnish Licensors with Certificates of Insurance as evidence that policies providing the required coverages, conditions and limits are in full force and effect. Such certificates shall provide that not less than thirty (30) days advance notice of cancellation, termination, or alteration shall be sent directly to Licensors addressed as follows:

Manager, Land Rights Management, PAB10W
Salt River Project

P.O. Box 52025
Phoenix, Arizona 85072-2025

14.7 The insurance policies may provide coverages that include deductibles or self-insured retentions. Licensee shall be solely responsible for deductibles and/or self-insured retentions, and SRP, at its option, may require Licensee to secure the payment of such deductibles or self-insured retentions by a surety bond or an irrevocable and unconditional letter of credit.

15. Construction

15.1 Prior to making any improvements following the Effective Date on the Licensed Property, Licensee shall submit to Licensor for its approval final construction documents and plans showing the location of any such improvements. Licensor shall approve or disapprove such documents and plans within 30 days. If applicable, Licensee shall obtain a Construction License from Water Engineering prior to the start of construction. Construction on the Licensed Property shall be performed only in accordance with approved construction documents and plans. At least ten (10) days prior to the beginning of any construction on the Licensed Property, Licensee shall give Licensor notice of the date that construction will begin and a schedule listing all construction activities and the dates when such construction activities will be performed. Licensee shall give Licensor written notice of all changes in the schedule and delays in construction immediately upon it being reasonably foreseeable that such change or delay will occur.

15.2 Licensee's improvements constructed, installed, operated and maintained on the Licensed Property shall not interfere with Licensor's use of Licensor's existing or any future irrigation or electric facilities on or adjacent to the Licensed Property. Licensor agrees and acknowledges that Licensee's improvements existing as of the Effective Date do not presently interfere with Licensor's uses.

15.3 Licensor may request Licensee to alter the scheduling of construction undertaken pursuant to Section 15.1 but only when and to the extent necessary to prevent any material interference with Licensor's use of the Licensed Property, and if such improvements do interfere with Licensor's use, Licensor may request Licensee to relocate Licensee's material, facilities and improvements as deemed necessary by Licensor.

15.4 If relocation of Licensee's materials, facilities, or improvements is necessitated by Licensor's use of existing facilities or the construction of improvements by or on behalf of Licensor, Licensee shall bear the entire actual cost of relocating said materials, facilities and improvements.

15.5 Licensor shall not exercise its right to require relocation of Licensee's facilities, materials, and improvements in an unreasonable or arbitrary manner, and warrants to Licensee that as of the date of this License, relocation of Licensee's facilities is not expected or anticipated as a result of Licensor's existing plans for the Licensed Property.

16. Permits, Statutes and Codes

16.1 Licensee shall comply with all requirements of all statutes, acts, ordinances,

regulations, codes, and standards of legally constituted authorities with jurisdiction, applicable to Licensee's use of the Licensed Property. Licensee shall obtain or cause to be obtained at its expense, all permits, approvals and authorizations required by Licensee's actions pursuant to this License.

16.2 The USA or Licensors may, at any time and at no cost or liability to the USA or Licensors, terminate any License if the Licensee fails to comply with all Federal, State, and local laws, regulations, and ordinances applicable to Licensee's use of the Licensed Property, or terms and conditions of this License, or to obtain any required permits or authorizations.

17. Licensors' Right to Inspect

17.1 Licensors, Association or the USA may enter any part of the Licensed Property at all reasonable times to make an inspection thereof. During any construction by Licensee, Licensors may inspect all trenching, backfilling and other related construction activity that potentially affects Licensors' facilities, and require conformance with all Licensors' requirements and specifications related thereto.

17.2 Licensee shall release Licensors, Association and the USA from any claims for damages arising out of any delay caused by Licensors in permitting or inspecting any work on the Licensed Premises. The provisions of this Section shall survive termination of this License.

18. Service of Notice

All notices, demands and invoices required or permitted by this License shall be in writing and shall be considered to have been properly delivered: (i) if mailed, three (3) business days after deposit in the U.S. mail, postage prepaid, return receipt requested, addressed as follows; (ii) if sent by overnight delivery service, on the next business day after deposit with such service, addressed as follows; (iii) if personally delivered, or (iv) if by email on the date of delivery service to:

Mail

Notices to Licensors

Attn: Manager, PAB10W
SALT RIVER PROJECT
Land Rights Management
P.O. Box 52025
Phoenix, AZ 85072-2025

Notices to Licensee

Attn: City Manager
CITY OF CHANDLER
P.O. BOX 4008
CHANDLER, AZ 85225

Hand /Certified Delivery

Notices to Licensors

Attn: Manager, PAB10W
SALT RIVER PROJECT
Land Rights Management

Notices to Licensee

Attn: City Manager
CITY OF CHANDLER
P.O. BOX 4008

2727 E. Washington Street
Phoenix, AZ 85034-1422

CHANDLER, AZ 85225

Either party may change its address or the designated person to receive notification hereunder by giving notice of such change in the manner provided above.

19. Waiver

This License may not be modified, or any provision waived except by written agreement executed by both Licensor and Licensee. The waiver by either party of any breach or failure to provide full performance under any of the terms and conditions of this License, or the failure of a party to exercise, or any delay in exercising, any rights or remedies provided herein or by law, or the failure of a party to notify the other properly in the event of a breach hereunder shall not be construed as a waiver of any other term of condition herein, or of any subsequent or continuing breach of the same or any other term or condition.

20. Attorneys' Fees Upon Default

If either party brings or defends any legal action, suit or proceeding based on rights or obligations arising from this License, the successful party shall be entitled to recover reasonable litigation expenses, court costs and reasonable attorneys' fees, as determined by a court, in any such action, suit or proceeding. The foregoing shall not in any way limit or restrict any other right or remedy at law or equity otherwise available to such party.

21. Force Majeure

21.1 If either party is rendered unable, wholly or in part, by force majeure to carry out its obligations under this License, other than the obligation of Licensee to make payments of amounts due hereunder, then the obligations of both Licensee and Licensor, so far as they are affected by such force majeure, shall be suspended during the continuance of any inability so caused, but for no longer period, and such cause shall so far as possible be remedied within a reasonable time. The term "force majeure" as used herein shall mean acts of God, strikes, lockouts, or other industrial disturbances, acts of public enemies, wars, blockades, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, storms, floods, washouts, interruptions by government not due to the fault of the parties, civil disturbances, explosions, or unforeseeable action or nonaction by governmental bodies in approving the applications for approvals or permits or any material change in circumstances arising out of legislation, regulation or litigation. Nothing in this Section shall require Licensor to settle a strike.

21.2 The USA may, at any time and at no cost or liability to the USA, terminate this License in the event of a natural disaster, a national emergency, a need arising from security requirements, or an immediate and overriding threat to public health and safety.

22. Entire Agreement; Changes After Execution

This License, including its specified addenda and exhibits, if any, constitutes the entire agreement between the parties, and any amendment hereto must be in writing and signed by both

parties.

23. Governing Law, Venue and Waiver of Trial by Jury

23.1 This License shall be interpreted, governed by, and construed in accordance with the substantive and procedural laws of the State of Arizona, without regard to conflicts of law principles. Licensors and Licensees agree that any action, suit, or proceeding arising out of, or in any way connected with this License, shall be initiated and prosecuted in a state or federal court of competent jurisdiction located in Maricopa County, Arizona, and the parties irrevocably submit to the jurisdiction and venue of such court. To the fullest extent permitted by law, each party hereby irrevocably waives any and all rights to a trial by jury and covenants and agrees that it will not request a trial by jury with respect to any legal proceeding arising out of or in any way connected with this License.

23.2 Each provision of this License shall be interpreted in such a manner as to be valid under applicable law, but if any provision of this License shall be deemed or determined by competent authority to be invalid or prohibited hereunder, such provision shall be ineffective and void only to the extent of such invalidity or prohibition, but shall not be deemed ineffective or invalid as to the remainder of such provision or any other remaining provisions, or of the License as a whole.

24. Water Damage

Except when the result of the negligent or willful act or omission of Licensors or Association or their directors, officers, employees, agents or assigns, neither Licensors, Association or the USA shall be liable for any loss sustained by Licensee, its officers, employees, agents or invitees on the Licensed Property because of water damage resulting from any source whatsoever, including, but not limited to, flood, drainage or run-off, irrespective of any prior knowledge by Licensors of the possibility of such flood, drainage or run-off, arising from or in connection with the operation or maintenance of any Reclamation Project dam, canal or other facility.

25. Transactional Conflict of Interest

Notice is hereby given of A.R.S. § 38-511.

26. Approvals

Each party agrees that if any consent or approval shall be required of such party, such consent or approval shall not be unreasonably withheld.

27. Reservation of Remedies

Unless otherwise provided herein, each party shall have available to it, all remedies provided by law or equity.

28. Archaeological and Environmental Compliance

28.1 The Licensee shall immediately provide an oral notification to Reclamation

(hereinafter described) authorized official and Licensor of the discovery of any and all antiquities or other objects of archaeological, cultural, historic, or scientific interest on the Licensed Property. The License shall follow up with a written report of their finding(s) to Reclamation authorized official and Licensor within forty-eight (48) hours. Objects under consideration include, but are not limited to, historic or prehistoric ruins, human remains, funerary objects, and artifacts discovered as a result of activities under this License. The Licensee shall immediately cease the activity in the area of discovery, make a reasonable effort to protect such discovery, and wait for written approval from Reclamation authorized official and Licensor before resuming the activity. Protective and mitigative measures specified by Reclamation authorized official and Licensor shall be the responsibility of the Licensee.

28.2 Licensee through the Licensor shall obtain a final environmental clearance from Reclamation prior to construction on the Licensed Property.

28.3 Licensee shall notify Licensor's staff archaeologist should any cultural resources or human remains be found on the Licensed Property, and when appropriate, shall be responsible for other notifications and legal requirements as required by the Archeological Resource Protection Act and the Native American Graves Protection and Repatriation Act and ensuing 43 C.F.R. 10 regulations. All costs are the responsibility of the Licensee.

28.4 (a). Licensee may not allow contamination or pollution on Licensed Property, waters or facilities by its employees or agents and shall take reasonable precautions to prevent such contamination or pollution by third parties. Substances causing contamination or pollution shall include, but are not limited to hazardous materials, thermal pollution, refuse, garbage, sewage effluent, industrial waste, petroleum products, mine tailings, mineral salts, misused pesticides, pesticide containers, or any other pollutants. Licensor agrees and acknowledges that Licensee's use of the Licensed Property is for the purpose of transmission of untreated wastewater.

(b). Licensee shall comply with all applicable Federal, State, and local laws and regulations, and Reclamation policies and directives and standards, existing or hereafter enacted or promulgated, concerning any hazardous material that will be used, produced, transported, stored, or disposed of on or in Federal lands, waters or facilities.

(c). "Hazardous material" means any substance, pollutant, or contaminant listed as hazardous under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 as amended, 42 U.S.C. § 9601, et seq., and the regulations promulgated pursuant to that Act.

(d). Upon discovery of any event which may or does result in contamination or pollution of Licensed Property, waters or facilities, Licensee shall initiate any necessary emergency measures to protect health, safety and the environment and shall report such discovery and full details of the actions taken to the Licensor. Reporting is timely if made within twenty-four (24) hours of the time of discovery if it is an emergency or by the first working day if it is a non-emergency. An emergency is a situation that requires immediate action to reduce or avoid endangering public health and safety or the environment.

(e). Violation of any of the provisions of this Article 28, as determined by the Licensor, may constitute grounds for termination of this Agreement. Such violations require immediate corrective action by Licensee and shall make Licensee liable for the cost of full and complete remediation and/or restoration of any Licensed Property, waters or facilities that are adversely affected as a result of the violation.

28.5 Licensee hereby assumes and accepts all liability and responsibility for initiation and completion of response, cleanup, and corrective and remedial action, and the cost thereof, required on the Licensed Property and any other affected premises, due to any action taken by Licensee or its agents, officers, directors, or employees that that results in release of any hazardous substance within the meaning of the Federal Comprehensive Environmental Response, Compensation and Liability Act -- 42 U.S.C. § 9601 et seq., or the Arizona Environmental Quality Act -- A.R.S. § 49-101 et seq., as such laws have been or are amended from time to time, or regulated substance within the meaning of Subtitle I of the Federal Resource Conservation and Recovery Act (Underground Storage Tanks) -- 42 U.S.C. § 6991a et seq., or the Arizona Underground Storage Tank Law -- A.R.S. § 49-1001 et seq., as such laws have been or are amended from time to time. This Section 28 shall survive termination of this License.

29. Motor Vehicle Use – Special Conditions

When operating a motor vehicle on the Licensed Property, Licensee must at all times:

29.1 Enter onto and exit from the Licensed Property at the point of reasonable access closest to the component of Licensee's facilities requiring maintenance;

29.2 Maintain a speed not to exceed five (5) miles per hour;

29.3 Ensure safe and reasonable passage through and around Licensee's vehicle and other repair facilities to all recreational users of the Licensed Property;

29.4 Ensure that no site of ongoing maintenance of Licensee's facilities is left unattended;
and

29.5 Refrain from accessing the Licensed Property with a motor vehicle except when necessary to effectuate maintenance of Licensees facilities.

30. Officials Not to Benefit

No Member of Congress shall be admitted to any share or part of any contract or agreement made, entered into, or accepted by or on behalf of the United States, or to any benefit to arise thereupon, pursuant to 41 U.S.C. § 22.

31. Illegal Use

Any activity deemed to be illegal on the Licensed Property will be cause for immediate termination of this License.

32. Bonding

Licensee shall provide a bond in the amount of \$_-0-, to be maintained until all construction activities of this project and restoration of the disturbed areas have been completed and accepted in writing by Reclamation or Licensor. Upon completion, or partial completion, of these restoration requirements, Reclamation or Licensor, may terminate or allow partial reduction of the amount of the bond requirement.

33. Pest Control

33.1 The Licensee shall not permit the use of any pesticides on Licensed Property without prior written approval by Reclamation or Licensor. The Licensee shall submit to Reclamation or Licensor for approval an Integrated Pest Management Plan (IPMP) thirty (30) days in advance of pesticide application.

33.2 All pesticides used shall be in accordance with the current registration, label direction, or other directives regulating their (State Department of Agricultural, Department of Ecology, OSHA, etc.) and with applicable Reclamation policy and directives and standards. Applicators will meet applicable State training or licensing requirements. Records maintenance shall be in accordance with State requirement and such records shall be furnished to Reclamation or Licensor not later than five (5) working days after any application of a pesticide.

33.3 Any equipment, tools, and machines used for pesticide application shall be in good repair and suitable for such use. Equipment shall be calibrated prior to the spraying season and as deemed necessary by Reclamation or Licensor.

33.4 Mixing, disposal, and cleaning shall be done where pesticide residues cannot enter storm drains, sewers, or other non-target areas.

33.5 The Licensee shall initiate any necessary measures for containment and cleanup of pesticide spills. Spills shall be reported to Licensor or Reclamation Contracting Officer with full details of the actions taken. Reporting may be within a reasonable time period. A reasonable time period means within twenty-four (24) hours of the spill if it is an emergency or by the first working day if it is a non-emergency. An emergency is any situation that requires immediate action to reduce or avoid endangering public health and safety or the environment.

33.6 Aerial application of pesticides is prohibited without the prior written consent by Licensor or Reclamation's designated representative.

33.7 Notwithstanding any other provision of this Section, Licensee is authorized to periodically apply paint with insecticide additive to the insides of the manholes starting at the top and extending down a distance of eight (8) feet. All such paint will be applied in accordance with applicable law.

33.8 The Licensee agrees to include the provisions contained in paragraphs 33.1 through 33.7 of this Section in any subcontract or third-party contract it may enter into pursuant to this License.

IN WITNESS WHEREOF, the parties hereto have executed this License this _____ day of _____, 2023.

LICENSOR:

**SALT RIVER PROJECT AGRICULTURAL
IMPROVEMENT AND POWER DISTRICT**

By: _____

Heather Legg

Its: Land Rights Management Agent

LICENSEE:

CITY OF CHANDLER

By: _____

John Knudson

Its: Public Works and Utility Director

ATTEST:

City Clerk

APPROVED AS TO FORM:

CITY ATTORNEY
DMG

EXHIBIT A & B

See the exhibit dated December 13, 1991 on file with Licensee and Licensor.

EXHIBIT C

Municipal Wastewater Pipeline Facility Specifications Overview

Description of Facilities

Wastewater Transmission pipeline and appurtenant junction structure and two four (4) foot diameter manholes as well as water transmission pipeline.

Size of Facility

Waste Water - 10 inches

Water – 6 inches

Type of Facility (example: reinforced concrete, steel, etc.)

Waste Water - PVC

Water – asbestos cement

Age of Facility

Facility constructed in 1992

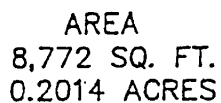
Estimated Economic and Operational Facility Lifespan Rating

Waste Water - 100 years

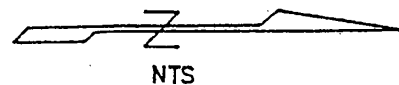
Water – 70 years

Depth of Buried Facility

Pipeline is installed at a depth of approximately five (5) - eight (8) feet



Civil Engineers
Hydrologists
Land Surveyors
(602) 957-3149



WOOD / PATEL ASSOCIATES

Civil Engineers
Hydrologists
Land Surveyors

Daniel E. Wood, P.E., R.L.S.
Ashok C. Patel, P.E., R.L.S.
James S. Campbell, P.E.
Lynn M. Thomas, P.E.
G. Thomas Hennessy, P.E.

See Exhibit dated
December 13, 1991

December 13, 1991
WP #91731

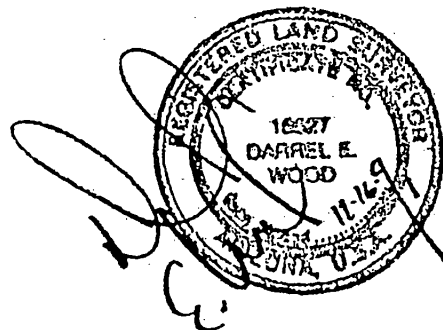
EXHIBIT "B" LICENSE DESCRIPTION

That portion of Northeast quarter of Section 27, Township 1 South, Range 4 East of the Gila and Salt River Base and Meridian, Maricopa County, Arizona, being more particularly described as follows:

COMMENCING at the Northeast corner of said Section 8;
THENCE South 87° 54' 32" West, along the North line of said Section 27, 1791.50 feet;
THENCE South 32° 45' 57" West, 391.40 feet to the TRUE POINT OF BEGINNING.
THENCE South 32° 45' 57" West, 296.73 feet;
THENCE South 31° 21' 32" West, 216.37 feet;
THENCE North 02° 31' 31" West, 29.97 feet;
THENCE North 32° 45' 57" East, 94.65 feet;
THENCE North 57° 14' 03" West, 6.00 feet;
THENCE North 32° 45' 57" East, 381.59 feet;
THENCE North 88° 20' 39" East, 21.82 feet to the TRUE POINT OF BEGINNING.

Subject to existing rights-of-way and easements.

Said parcel of land containing 8,772 square feet or 0.2014 acres, more or less.

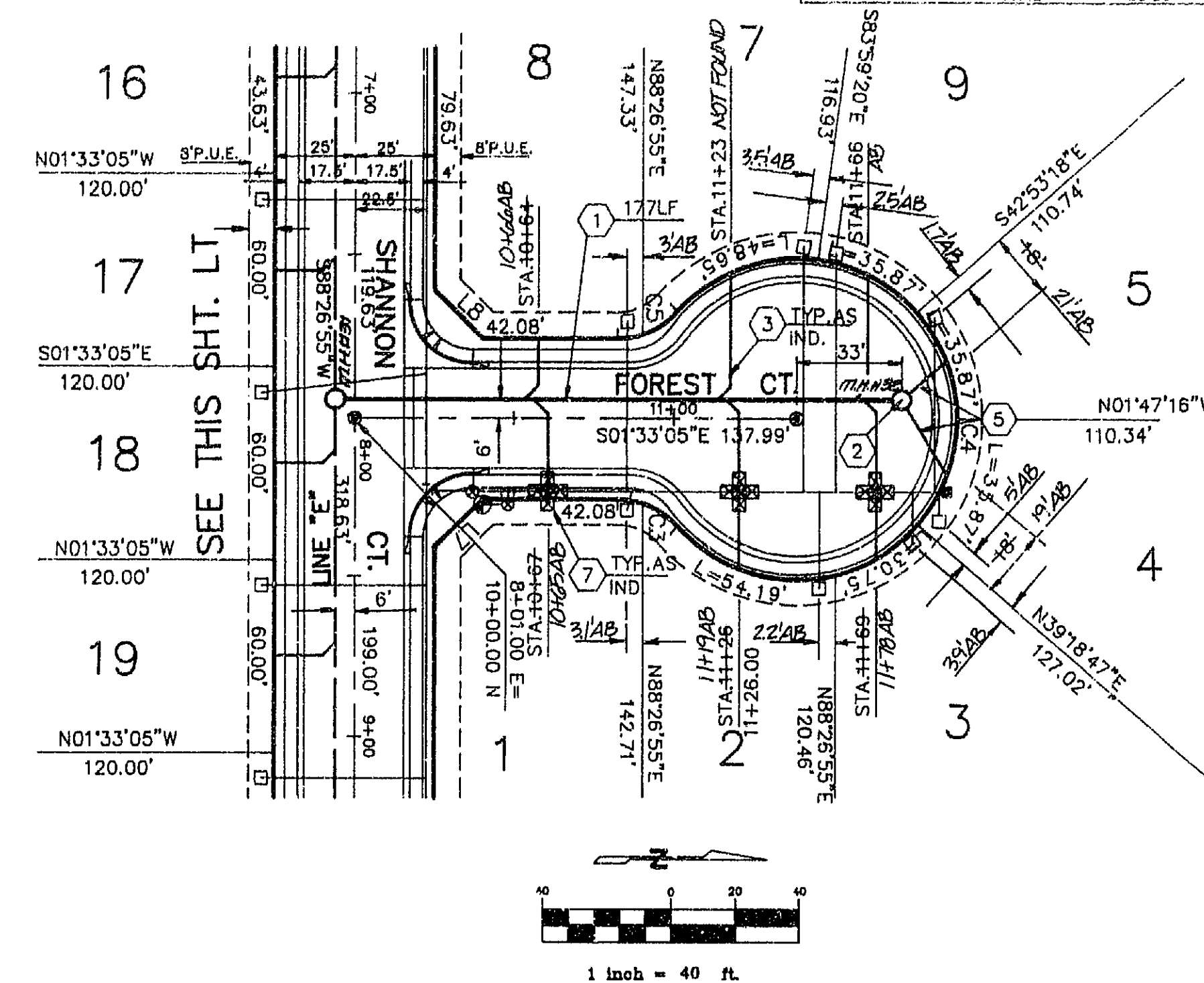
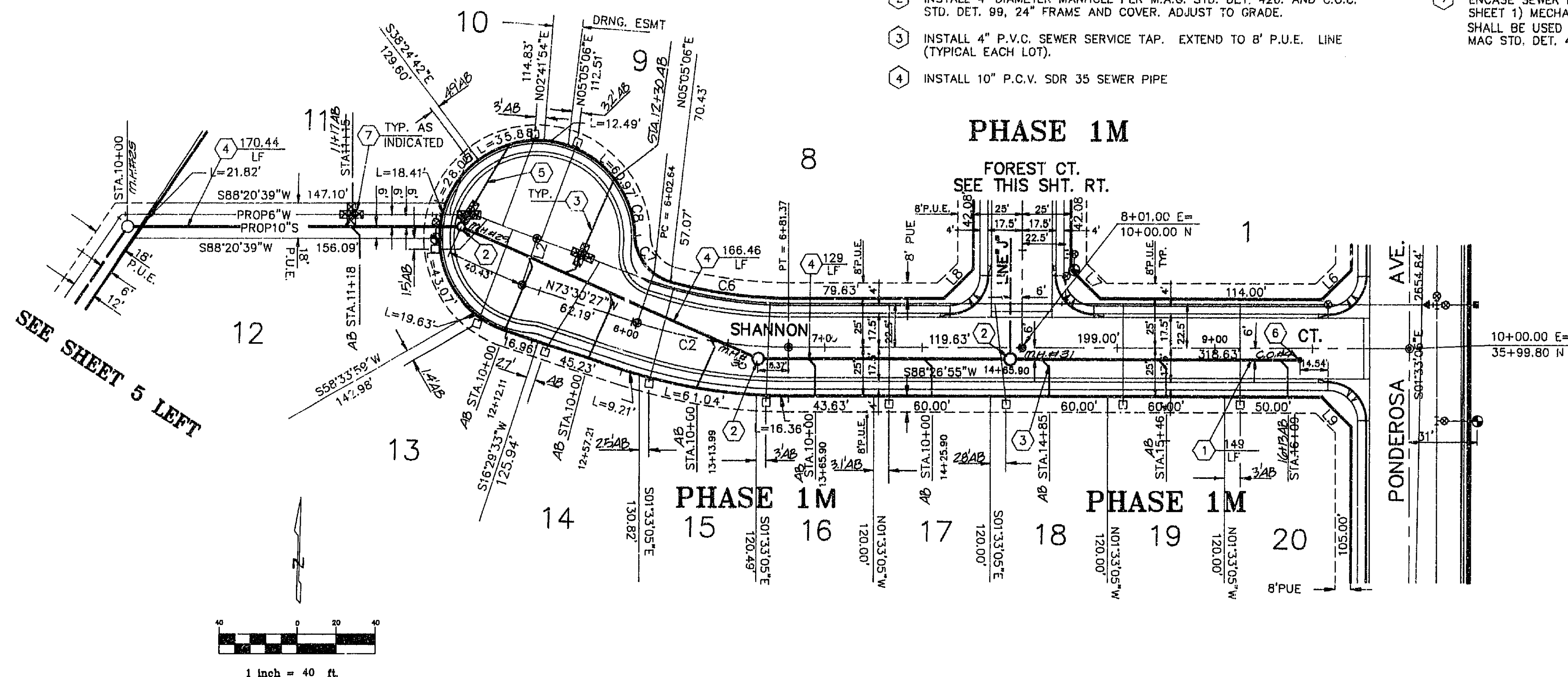


CONSTRUCTION NOTES

1. INSTALL 8" P.C.V. SDR 35 SEWER PIPE
2. INSTALL 4' DIAMETER MANHOLE PER M.A.G. STD. DET. 420. AND C.O.C. STD. DET. 99, 24" FRAME AND COVER. ADJUST TO GRADE.
3. INSTALL 4" P.V.C. SEWER SERVICE TAP. EXTEND TO 8' P.U.E. LINE (TYPICAL EACH LOT).
4. INSTALL 10" P.C.V. SDR 35 SEWER PIPE

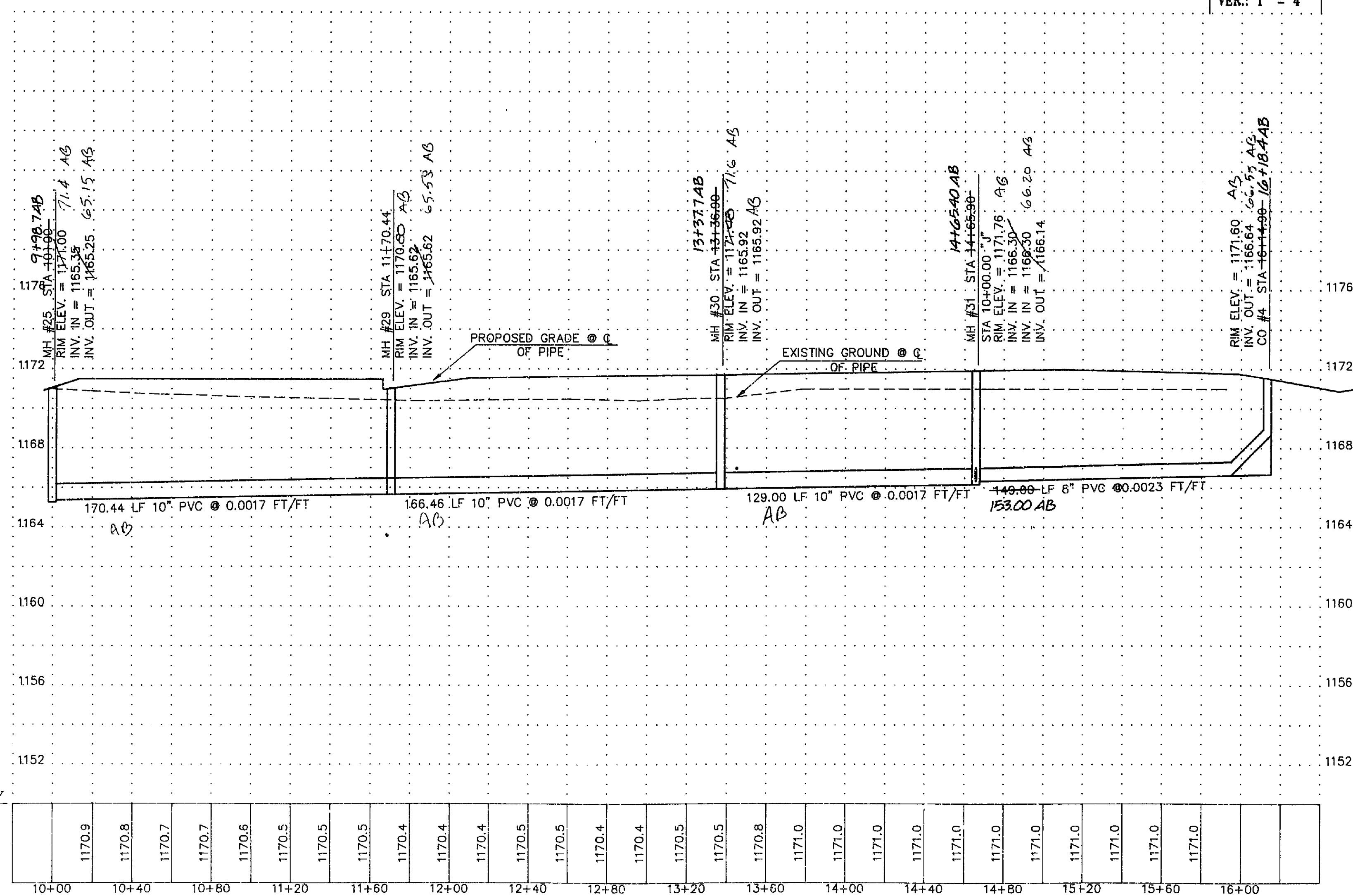
5. INSTALL 4" P.V.C. SEWER SERVICE TAP TO MANHOLE AND EXTEND SERVICE TO 8' P.U.E. LINE.
6. INSTALL CLEANOUT PER M.A.G. STD. DET. 441. ADJUST COVER TO GRADE. M.A.G. STD. DET. 270.
7. ENCASE SEWER HOUSE CONNECTION PER M.A.G. STD. DET. 404 "B" (SEE SHEET 1) MECHANICAL OR RESTRAINED JOINT DUCTILE IRON PIPE SHALL BE USED AS AN ALTERNATIVE TO CONCRETE ENCASEMENTS PER MAG STD. DET. 404.

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C24	50.00'	241.19'	-44.72'	86.67'	278.92°48"
C23	50.00'	218.50'	-70.89'	81.72'	250.23°01"
C1	250.00'	78.73'	39.60'	78.71'	18.02°58"
BC1	19.42'	26.92'	18.13'	24.81'	79.24°58"
BC2	44.50'	212.51'	-41.77'	80.91'	273.37°20"
BC3	19.42'	4.87'	2.46'	4.86'	14.92°14"
BC4	19.42'	18.55'	10.08'	17.85'	54.43°08"
BC5	44.50'	224.80'	-51.40'	51.41'	289.78°12"
BC6	19.42'	18.55'	10.08'	17.85'	54.43°08"
BC7	19.42'	30.50'	18.42'	27.49'	80.00°00"

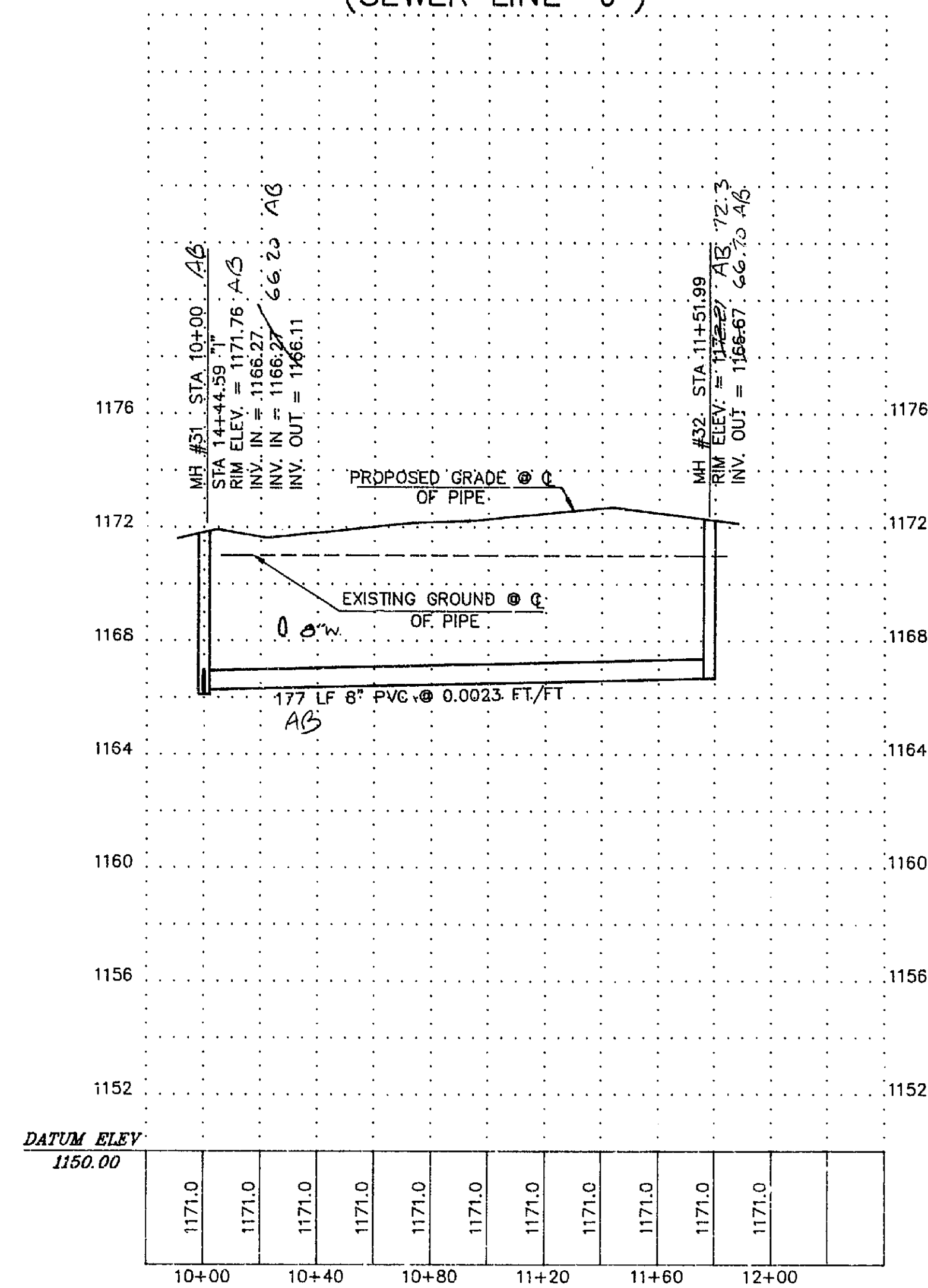


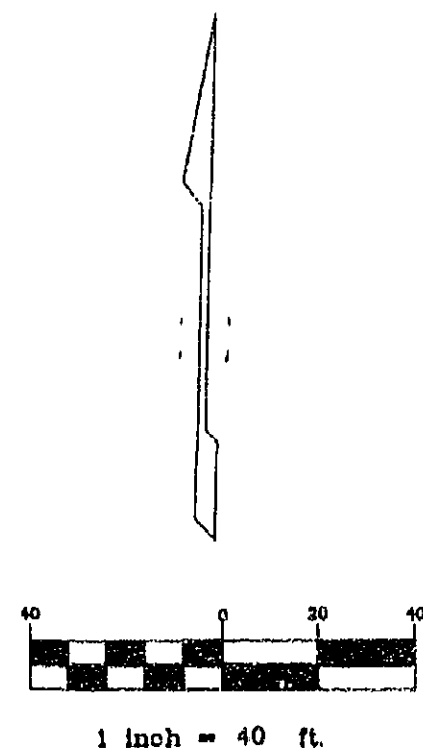
SHANNON COURT (SEWER LINE "I")

HOR.: 1" = 40'
VER.: 1" = 4'

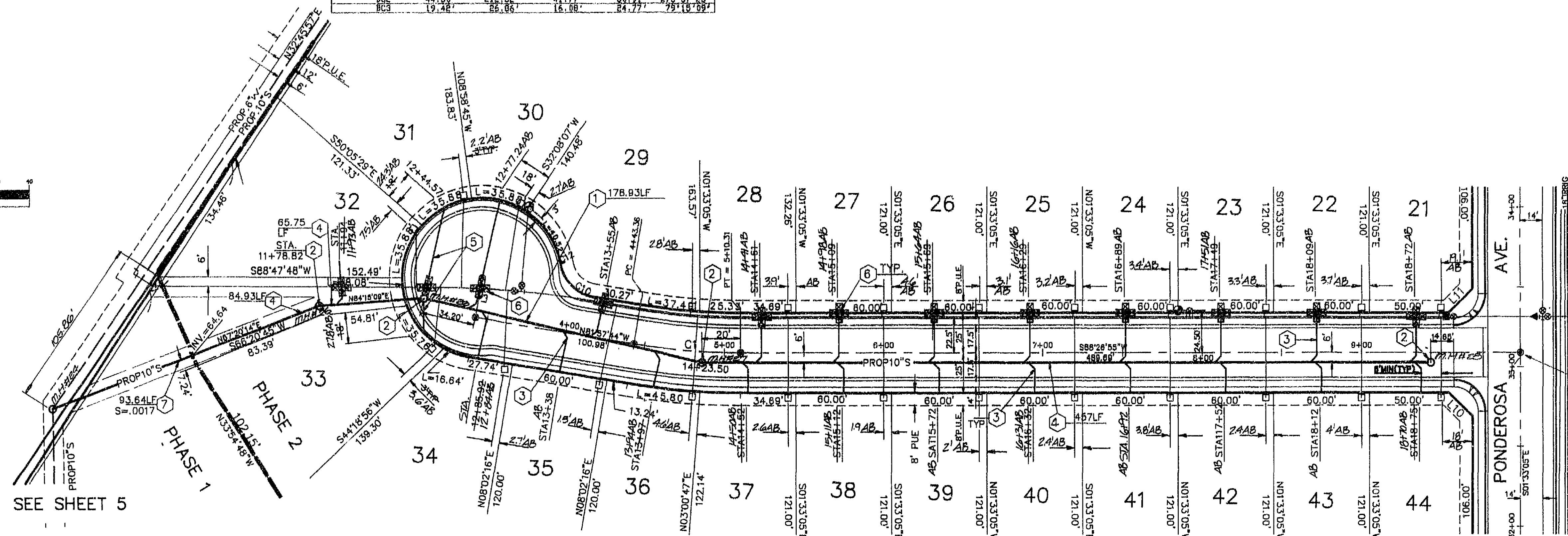


PHASE 1M FOREST COURT (SEWER LINE "J")





CURVE TABLE					
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	80.00	20.63	20.71	81.68	89°31'44"
C2	400.00	66.94	33.98	66.97	89°35'41"
C3	19.48	4.87	8.25	4.86	143°38'14"
C4	44.58	218.32	41.77	60.91	87°31'43"
C5	19.48	66.06	16.08	64.77	79°16'59"



SEE SHEET 5

PHASE 2
DUBLIN COURT
(SEWER LINE "H")

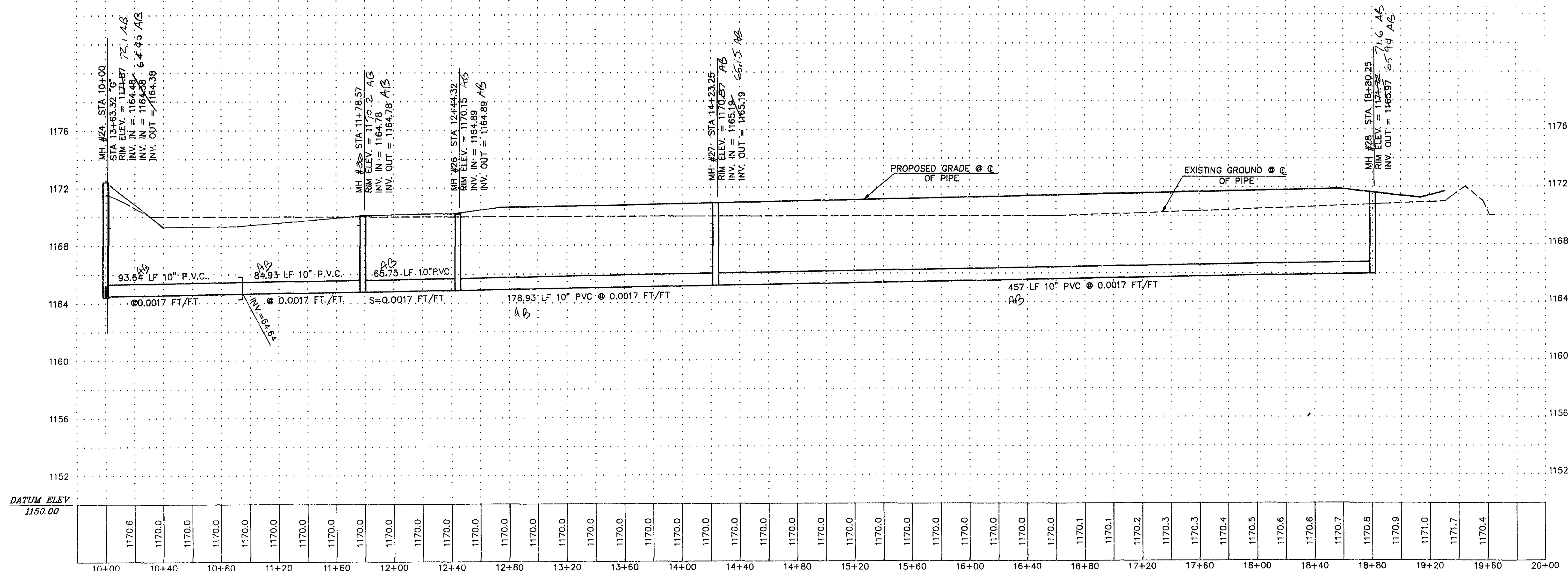
CONSTRUCTION NOTES

1. INSTALL 8" P.V.C. SDR 35 SEWER PIPE
2. INSTALL 4' DIAMETER MANHOLE PER M.A.G. STD. DET. 420. AND C.O.C. STD. DET. 99, 24" FRAME AND COVER. ADJUST TO GRADE.
3. INSTALL 4" P.V.C. SEWER SERVICE TAP. EXTEND TO 8' P.U.E. LINE (TYPICAL EACH LOT).
4. INSTALL 10" P.C.V. SDR 35 SEWER PIPE
5. INSTALL 4" P.V.C. SEWER SERVICE TAP TO MANHOLE AND EXTEND SERVICE TO 8' P.U.E. LINE.
6. ENCASE SEWER HOUSE CONNECTION PER MAG. STD. DET. 404 (SEE SHT. 1) MECHANICAL OR RESTRAINED JOINT DUCTILE IRON PIPE SHALL BE USED AS AN ALTERNATIVE TO CONCRETE ENCASEMENTS PER MAG. STD. DET. 404
7. SUBOUT AND PLUG 10" P.V.C. SEWER LINE PER MAG. STD. DET. 427

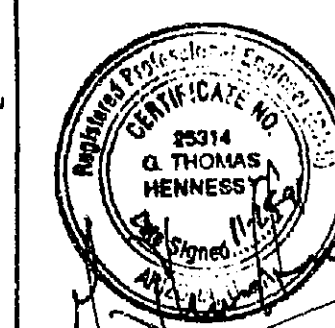
10+00.00 E= 33+08.80 N

* MANHOLE FRAME AND COVER SHALL BE ADJUSTED PER MAG. STD. DET. 422 EXCEPT WHEN OUTSIDE OF PAVEMENT ALIGNMENT IN WHICH CASE IT SHALL BE ADJUSTED PER C.O.C. STD. SPEC. 3.

HOR.: 1" = 40'
VER.: 1" = 4'



WOOD/PATEL
ASSOCIATES
Civil Engineers
Hydrologists
Land Surveyors



PINE VIEW
SEWER PLAN

DATE NOV. 1991	SCALE 1" = 40'	SHEET 6 OF 11
JOB NO. 91731	DESIGN BY BAS	CHECK BY TH
	DRAWN BY BAS	FILE 51554.DWG

SEE SHEET 2

161

SEE SHEET 3 LEFT

CONSTRUCTION NOTES

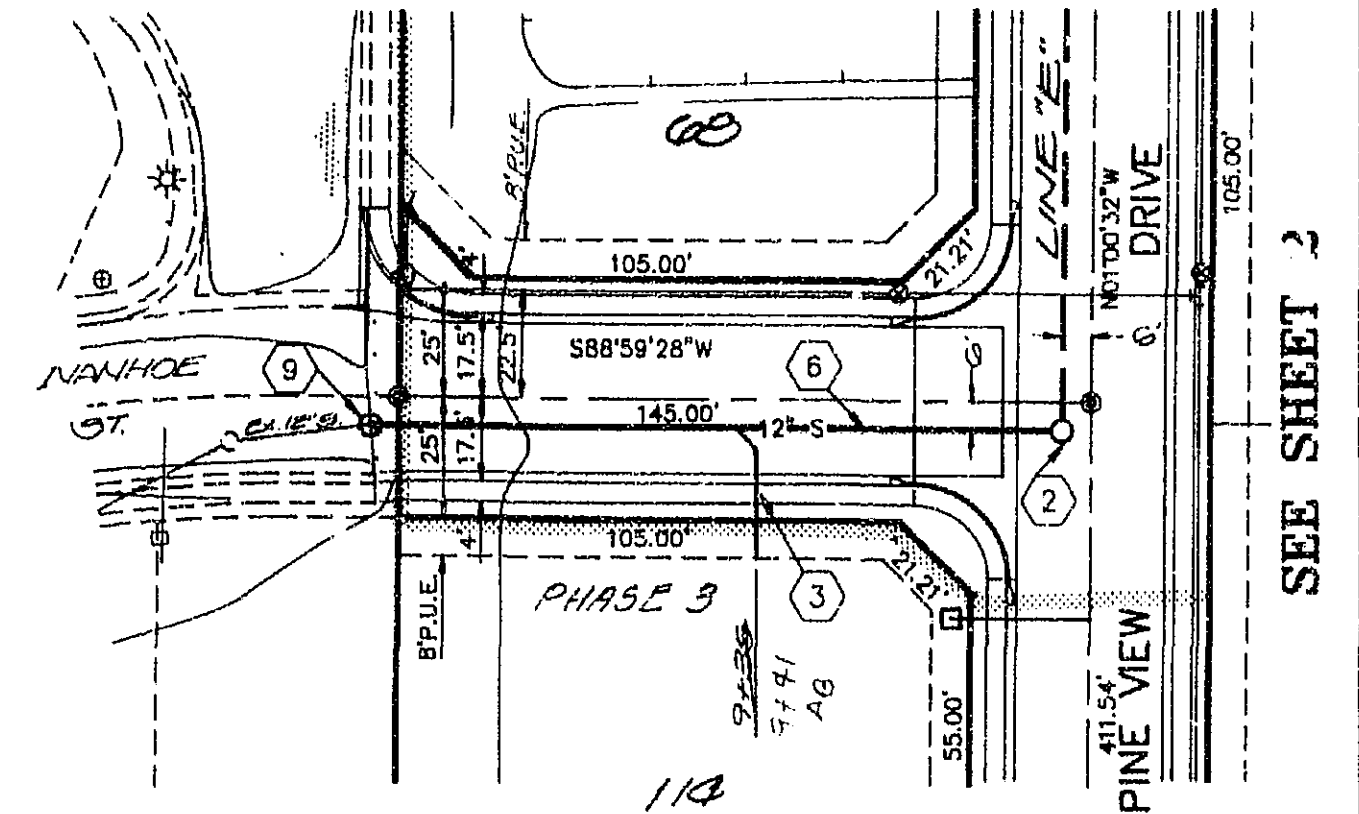
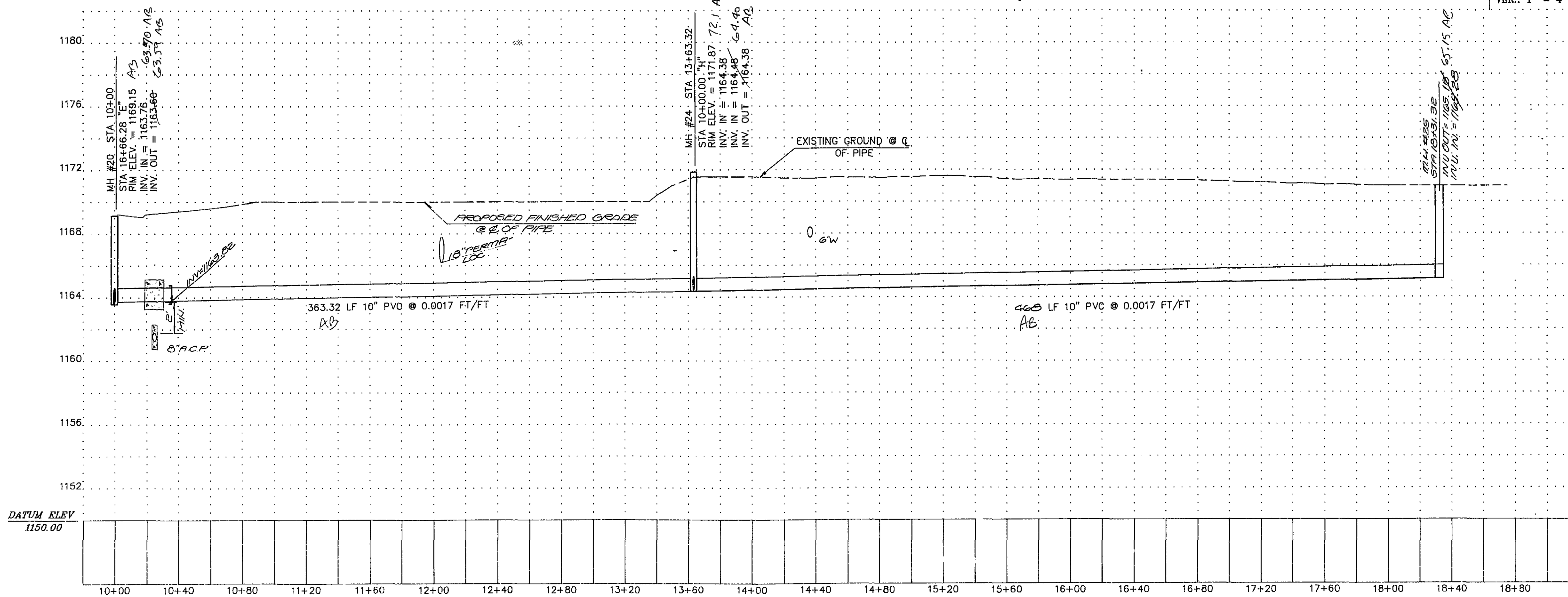
- 1 INSTALL 8" P.C.V. SDR 35 SEWER PIPE
- * 2 INSTALL 4' DIAMETER MANHOLE PER M.A.G. STD. DET. 420. AND C.O.C. STD. DET. 99, 24" FRAME AND COVER. ADJUST TO GRADE.
- 3 INSTALL 4" P.V.C. SEWER SERVICE TAP. EXTEND TO 8" P.U.E. LINE (TYPICAL EACH LOT).
- 4 INSTALL 10" P.C.V. SDR 35 SEWER PIPE
- 6 INSTALL 12" P.C.V. SDR 35 SEWER PIPE
- 9 CONTRACTOR TO VERIFY INVERT AND LOCATION OF EXISTING 12" SEWER STUB. NOTIFY ENGINEER OF ANY SIGNIFICANT DISCREPANCY. INSTALL 4' DIAMETER MANHOLE PER M.A.G. STD. DET. 420. AND C.O.C. STD. DET. 99, 24" FRAME AND COVER. ADJUST TO GRADE, PER M.A.G. STD. DET. 422
- 10 ENCASE SEWER PER MAG. STD. DET. 404 (SEE SHEET 1).
- 11 STUBOUT & PLUG 36 LF 10" PVC PER M.A.G. STD. DET. 427 (PHASE 1). REMOVE PLUG & CONNECT TO EXIST. (PHASE 2)
- 12 INSTALL 4' DIA. MANHOLE PER M.A.G. STD. DET. 420 & C.O.C. STD. DET. 99 & STD. SPEC. 3

* NOTE: MANHOLE FRAME AND COVER SHALL BE ADJUSTED PER M.A.G. STD. DET. 422. EXCEPT WHEN OUTSIDE OF PAVEMENT ALIGNMENT IN WHICH CASE IT SHALL BE ADJUSTED PER C.O.C. STD. SPEC. 3.

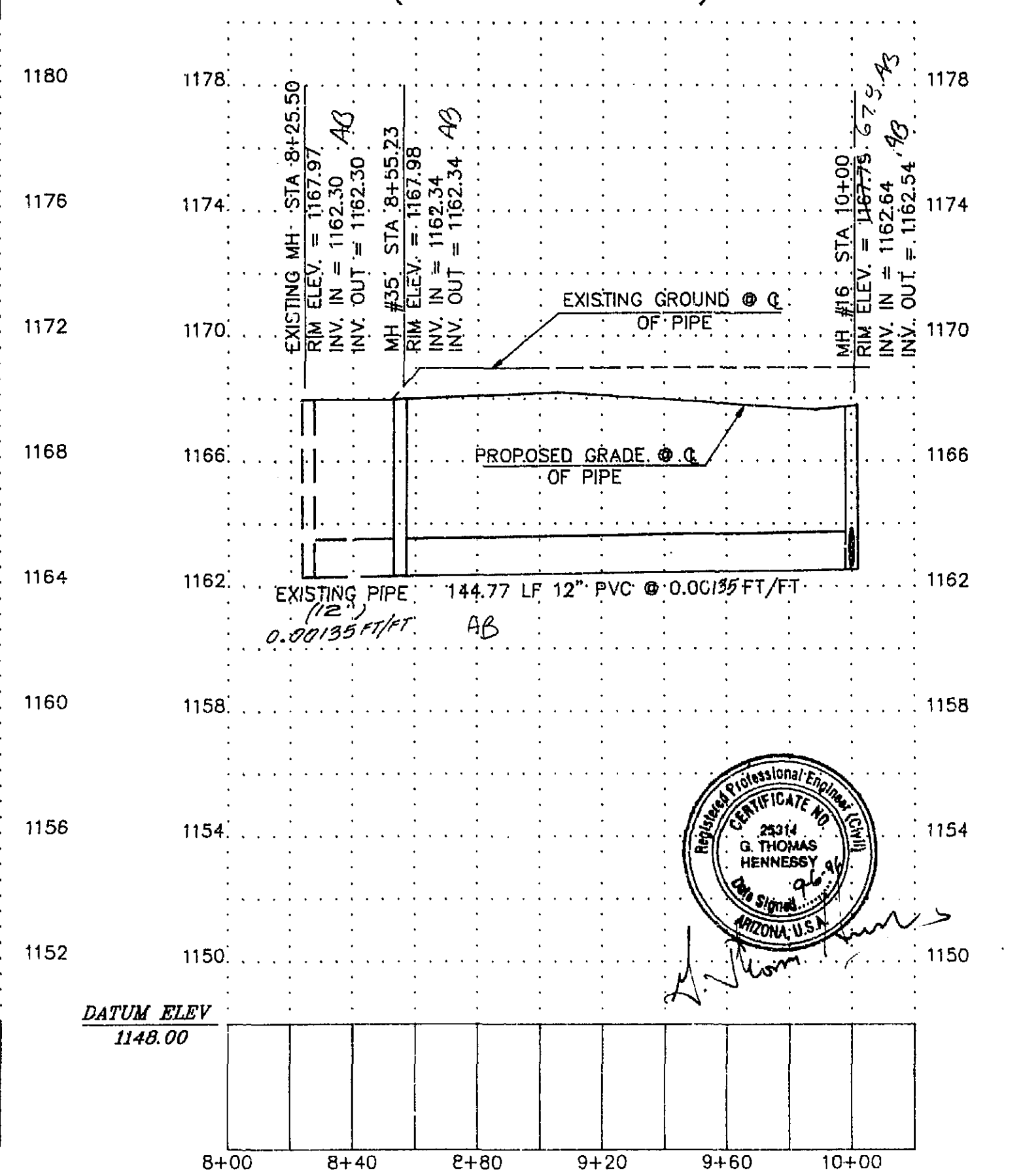
PHASE 1M
(SEWER LINE "G")

SEE SHEET 7 LEFT

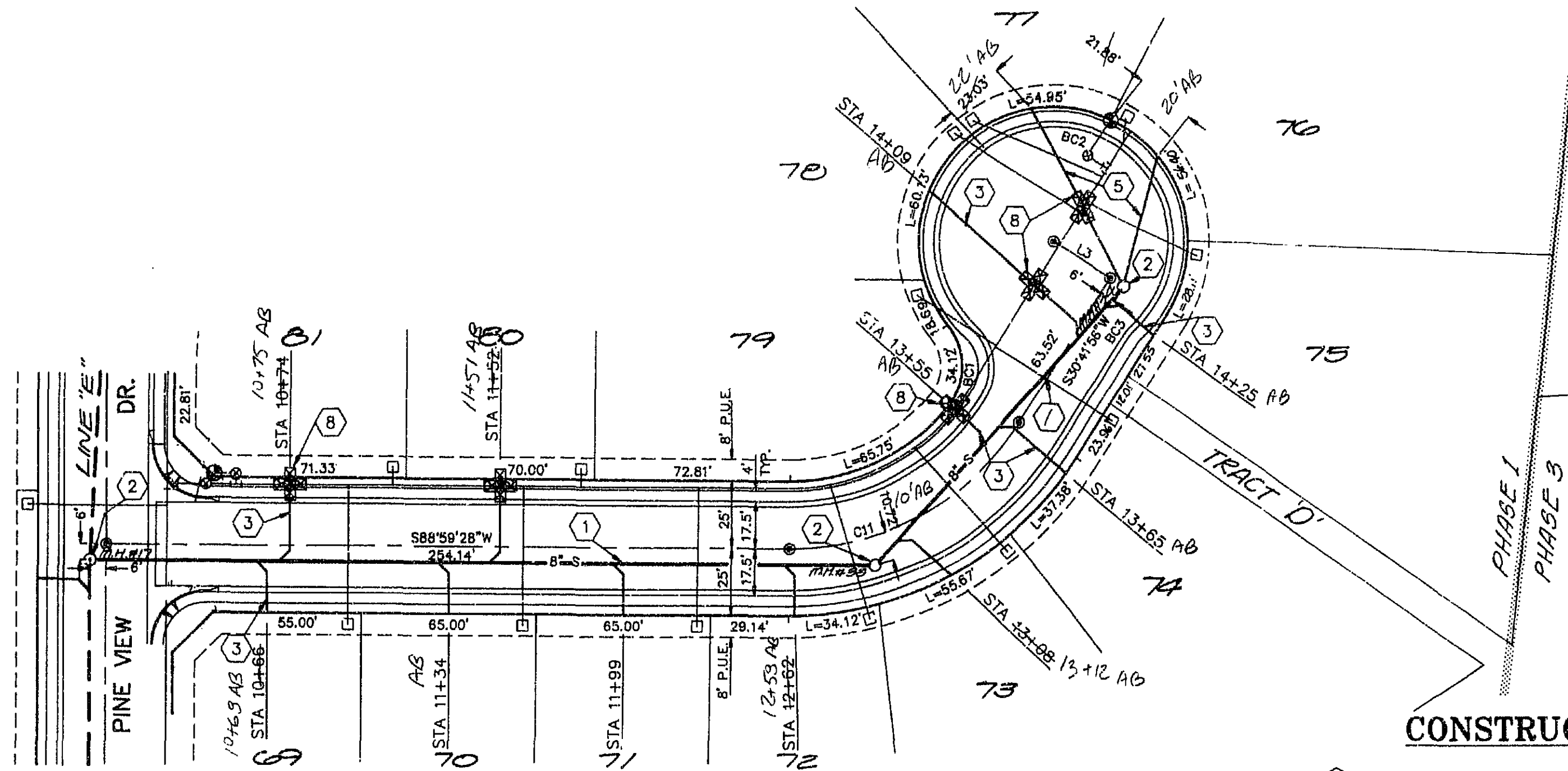
NOTE: S.R.P. LICENSE REQUIRED FOR SEWER LINE CONSTRUCTION WITHIN S.R.P. RIGHT-OF-WAY.



PHASE 1M
IVANHOE STREET
(SEWER LINE "I")



SEE SHEET 2

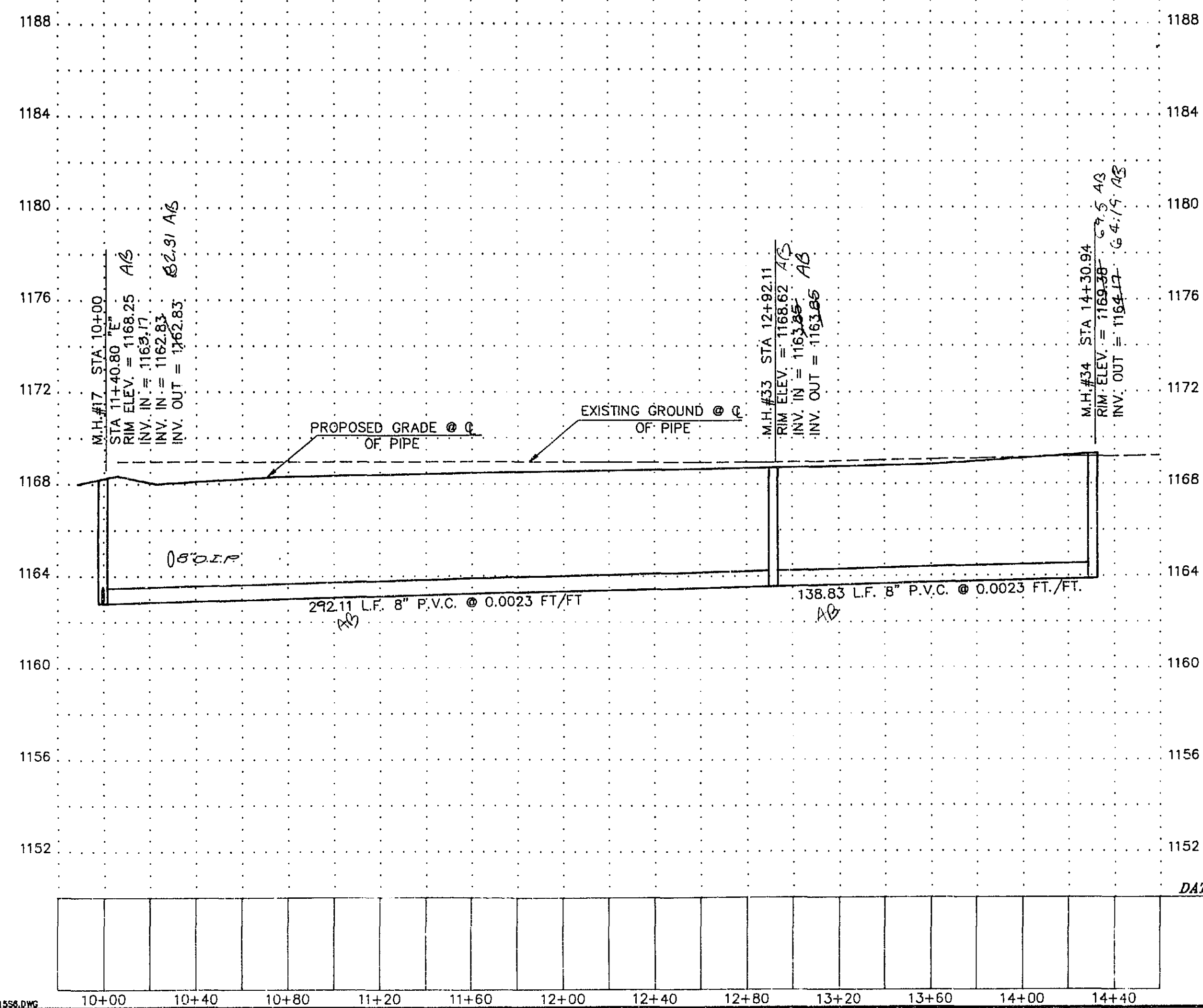


CURVE TABLE					
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C20	50.00'	218.63'	-70.74'	81.65'	250°31'44"
C11	100.00'	101.74'	-38.76'	37.41'	88°17'32"
C7	400.00'	125.80'	-63.42'	125.28'	18°01'10"
BC1	19.42'	26.86'	16.08'	24.77'	79°15'09"
BC2	44.50'	212.52'	-41.77'	60.91'	273°37'23"
BC3	19.42'	4.87'	2.45'	4.86'	14°22'14"
BC4	19.42'	4.87'	2.45'	4.86'	14°22'14"
BC5	44.50'	212.52'	-41.77'	60.91'	273°37'23"
BC6	19.42'	26.86'	16.08'	24.77'	79°15'09"

LINE TABLE		
LINE	DIRECTION	DISTANCE
L4	N 63°28'05"E	25.00'
L3	S 59°18'04"E	65.00'

NOTE: MANHOLE FRAME AND COVER SHALL BE ADJUSTED PER M.A.G. STD. DET. 422. EXCEPT WHEN OUTSIDE OF PAVEMENT ALIGNMENT IN WHICH CASE IT SHALL BE ADJUSTED PER C.O.C. STD. SPEC. 3.

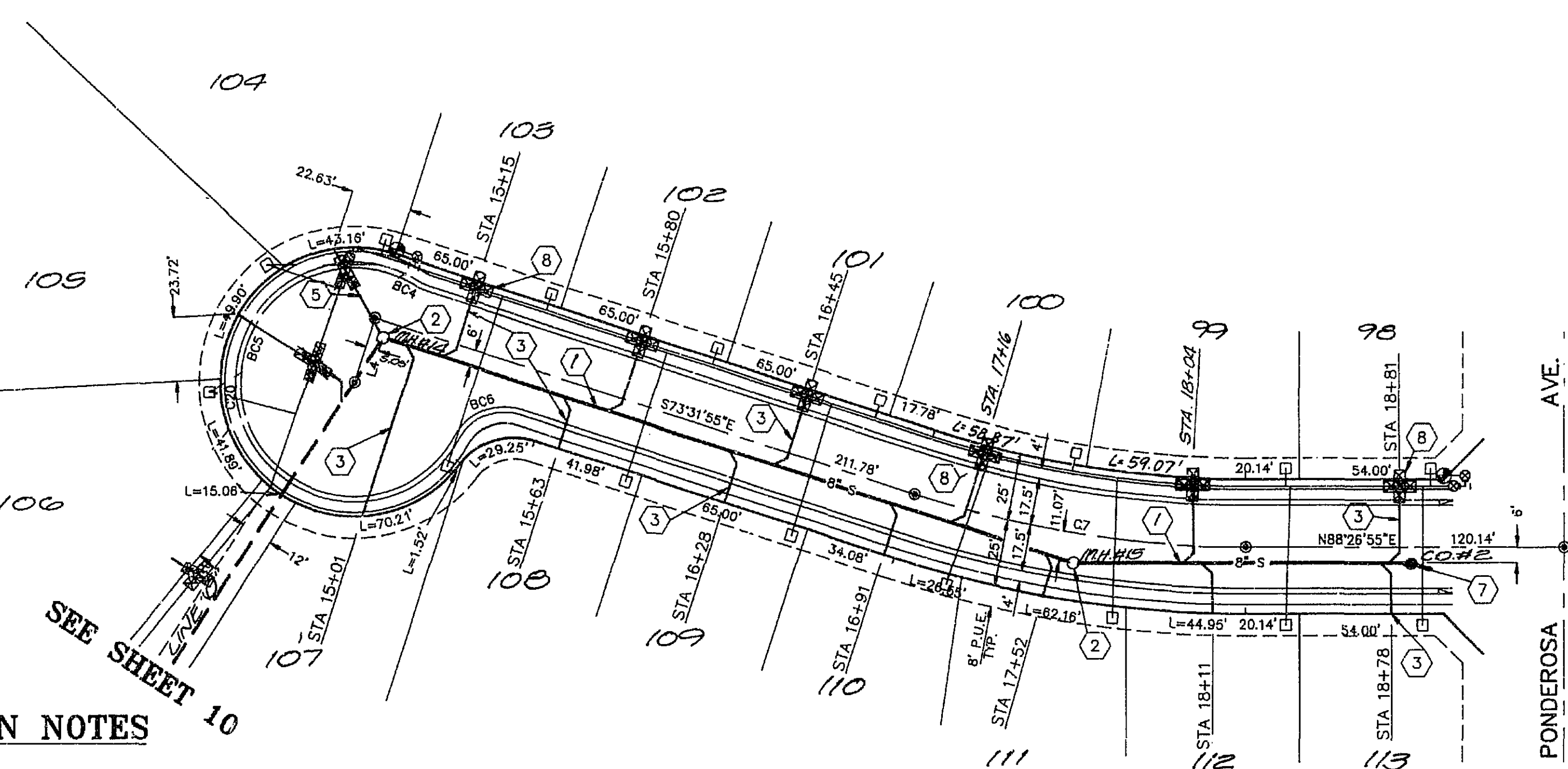
PHASE 1
IVANHOE COURT
(SEWER LINE "F")



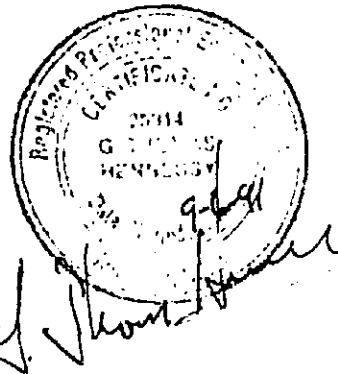
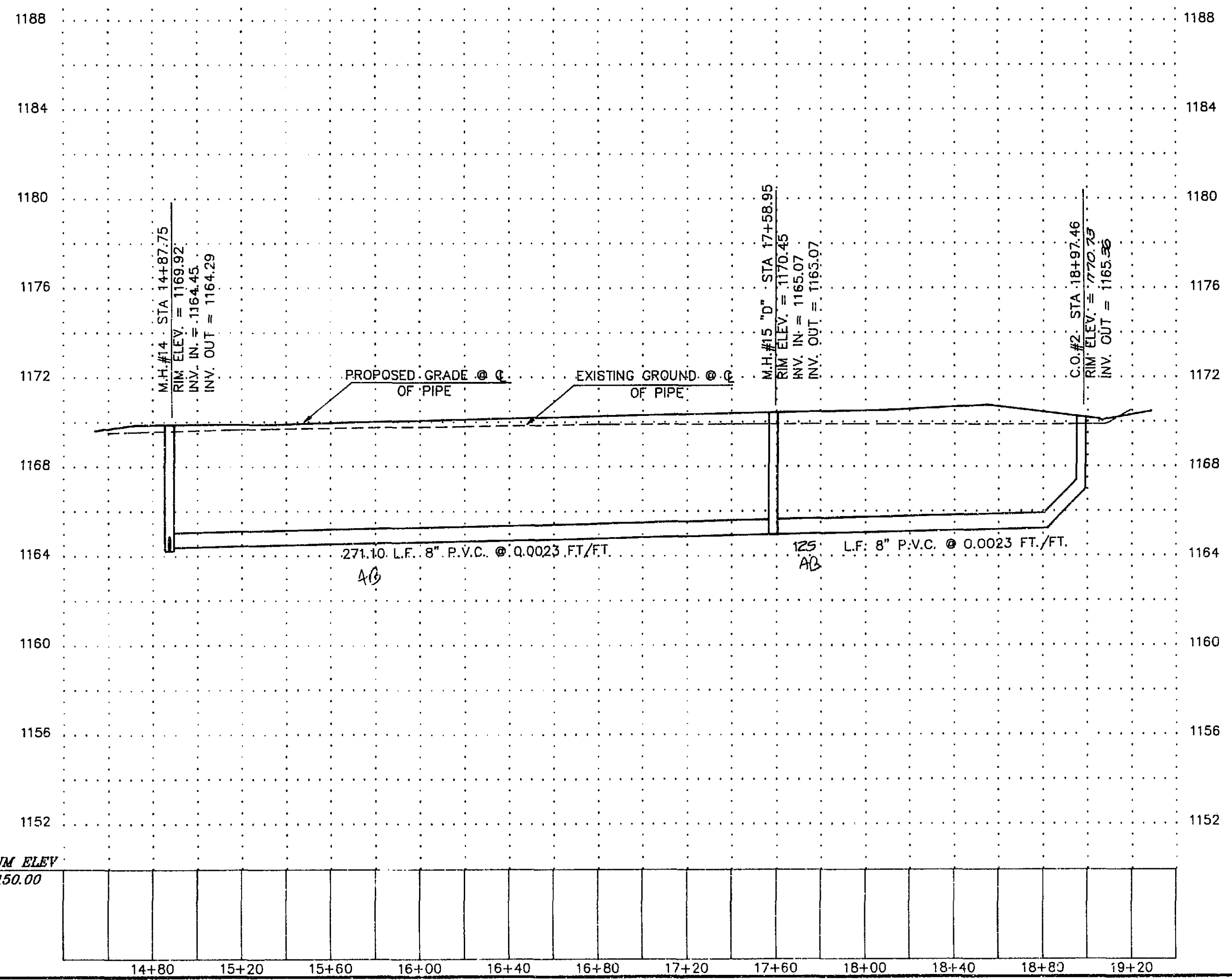
CONSTRUCTION NOTES

1. INSTALL 8" P.V.C. SDR 35 SEWER PIPE
2. INSTALL 4' DIAMETER MANHOLE PER M.A.G. STD. DET. 420. AND C.O.C. STD. DET. 99, 24" FRAME AND COVER. ADJUST TO GRADE.
3. INSTALL 4" P.V.C. SEWER SERVICE TAP. EXTEND TO 8" P.U.E. LINE (TYPICAL EACH LOT).
4. INSTALL 10" P.V.C. SDR 35 SEWER PIPE
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7. INSTALL CLEANOUT PER M.A.G. STD. DET. 441. ADJUST COVER TO GRADE. M.A.G. STD. DET. 270.
8. ENCASE SEWER HOUSE CONNECTION PER M.A.G. STD. DET. 404 (SEE SH. 1) Mechanical or Restrained Joint Ductile Iron Pipe shall be used As An Alternative to Concrete Encasements Per M.A.G. Std. Det. 404.
11. Stubout & Plug 8" P.V.C. Sewer Line Per M.A.G. Std. Det. 427.

SEE SHEET 10



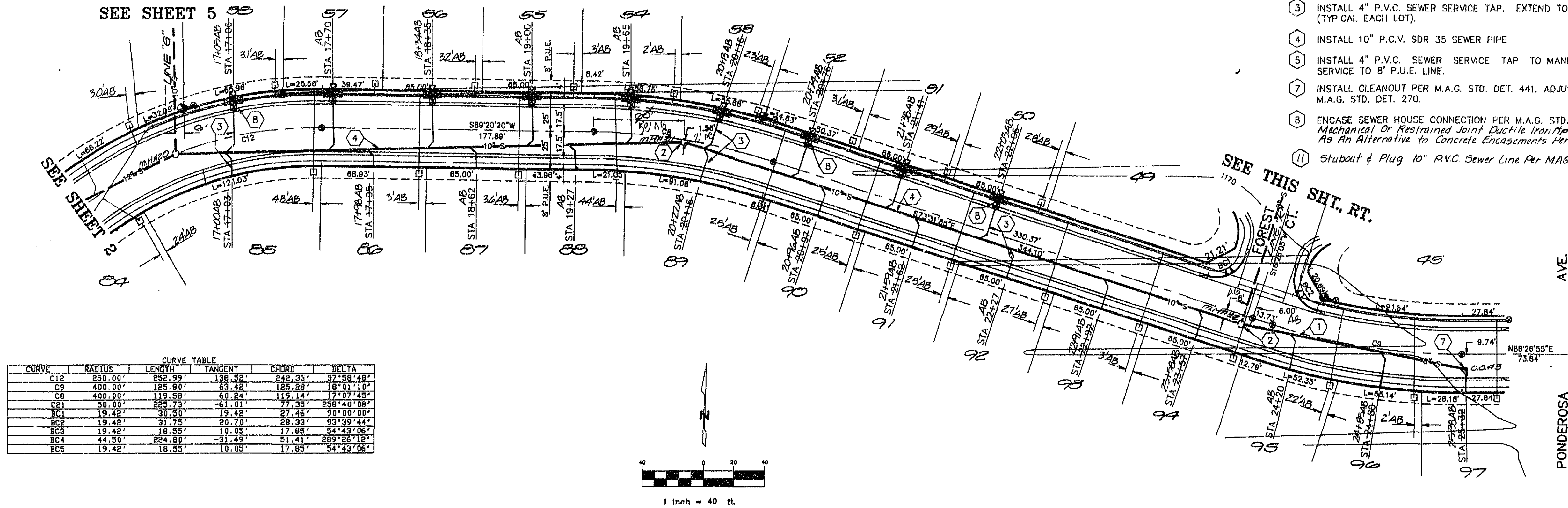
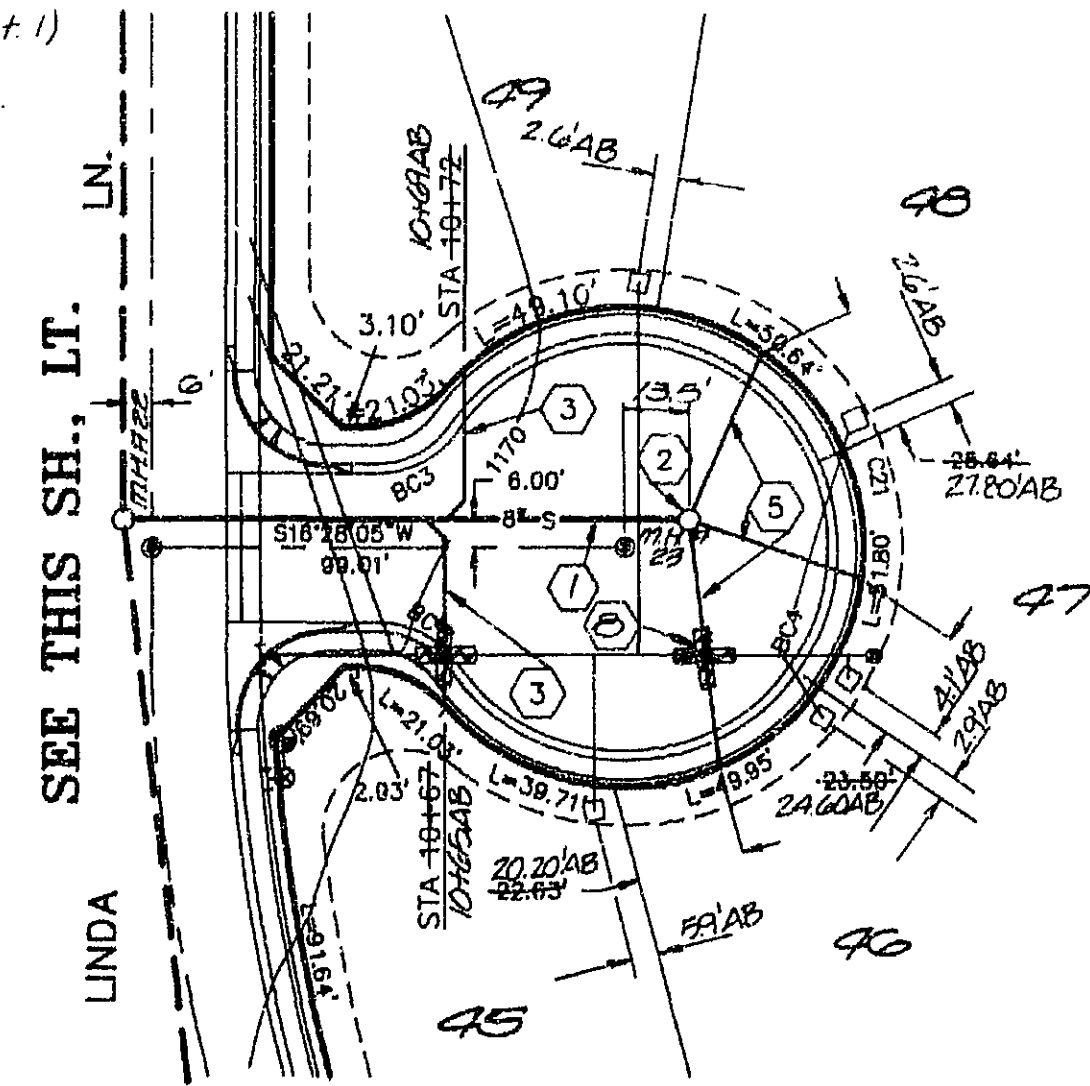
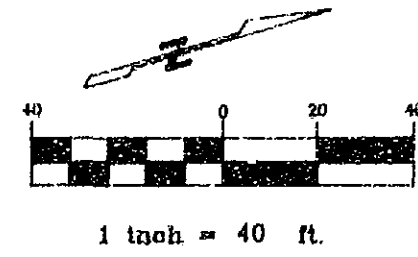
PHASE 3
IVANHOE COURT
(SEWER LINE "D")



SH. 4
OF 11

CONSTRUCTION NOTES

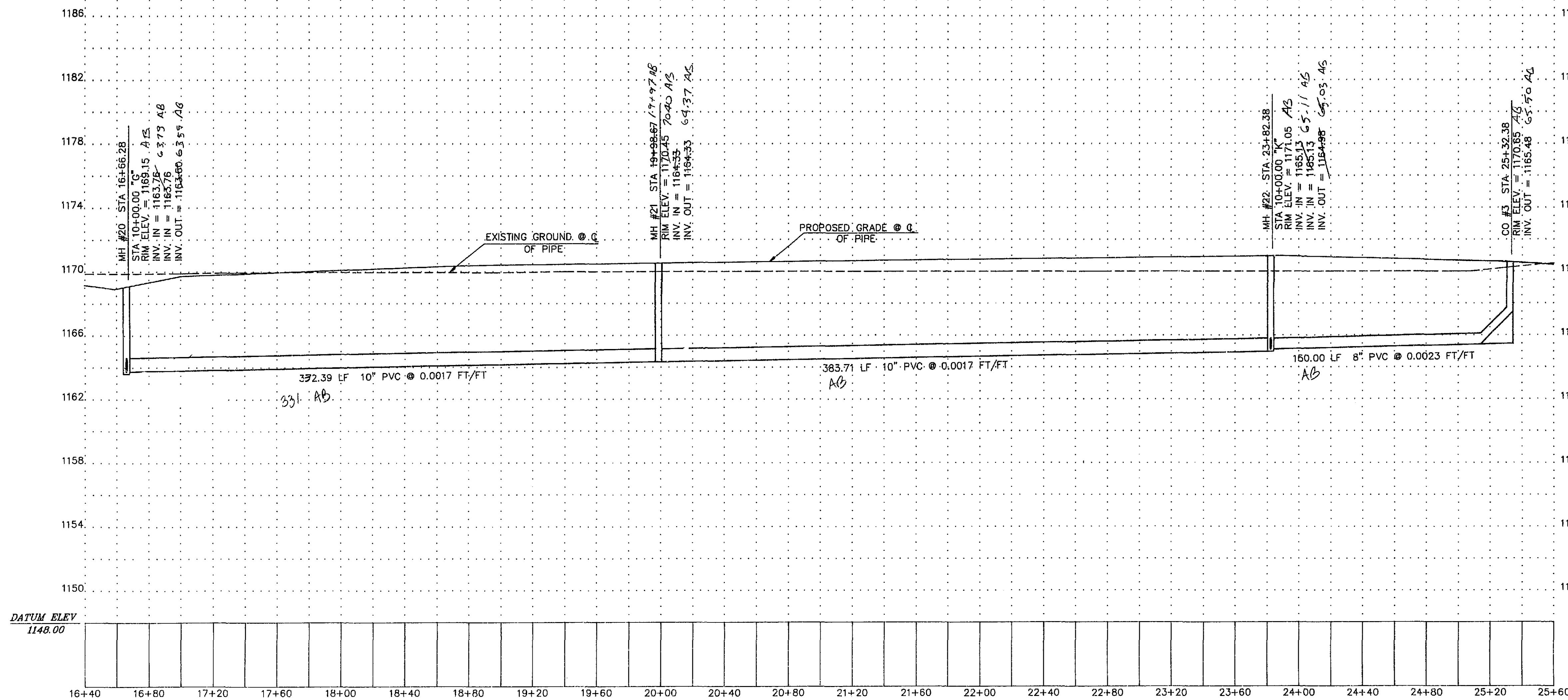
1. INSTALL 8" P.V.C. SDR 35 SEWER PIPE
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7. INSTALL CLEANOUT PER M.A.G. STD. DET. 441, ADJUST COVER TO GRADE. M.A.G. STD. DET. 270.
8. ENCASE SEWER HOUSE CONNECTION PER M.A.G. STD. DET. 404 (See Sht. 1) Mechanical Or Restrained Joint Ductile Iron Pipes Shall be Used As An Alternative to Concrete Encasements Per MAG Std Det 404.
11. Stubout & Plug 10" P.V.C. Sewer Line Per MAG Std Det 427.



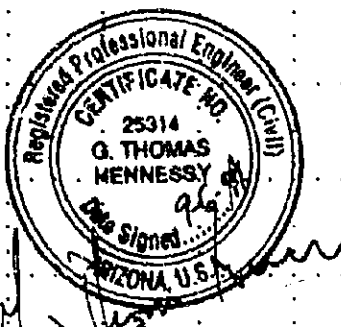
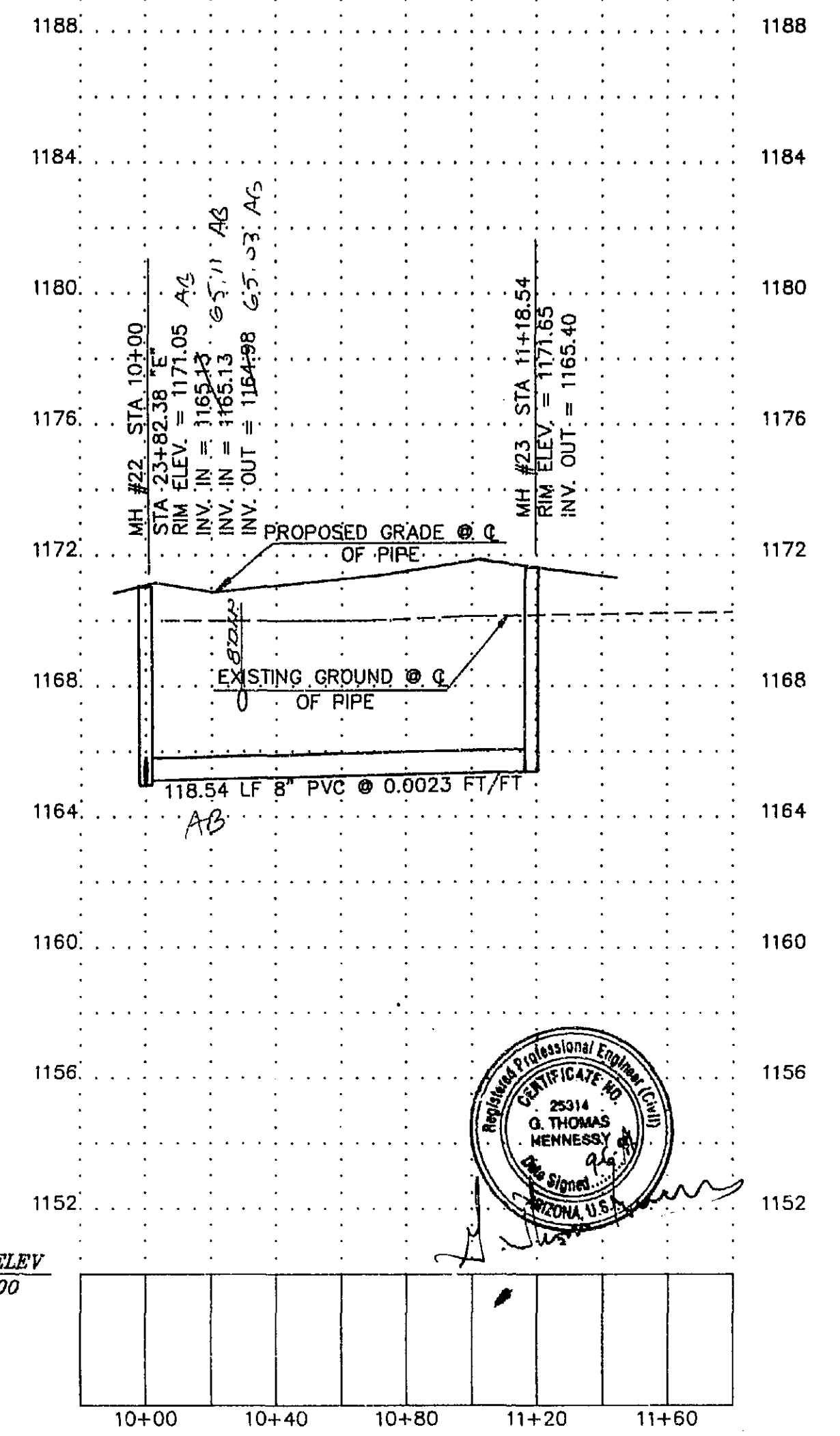
* NOTE: MANHOLE FRAME AND COVER SHALL BE ADJUSTED PER M.A.G. STD. DET. 422. EXCEPT WHEN OUTSIDE OF PAVEMENT ALIGNMENT IN WHICH CASE IT SHALL BE ADJUSTED PER C.O.C. STD. SPEC. 3.

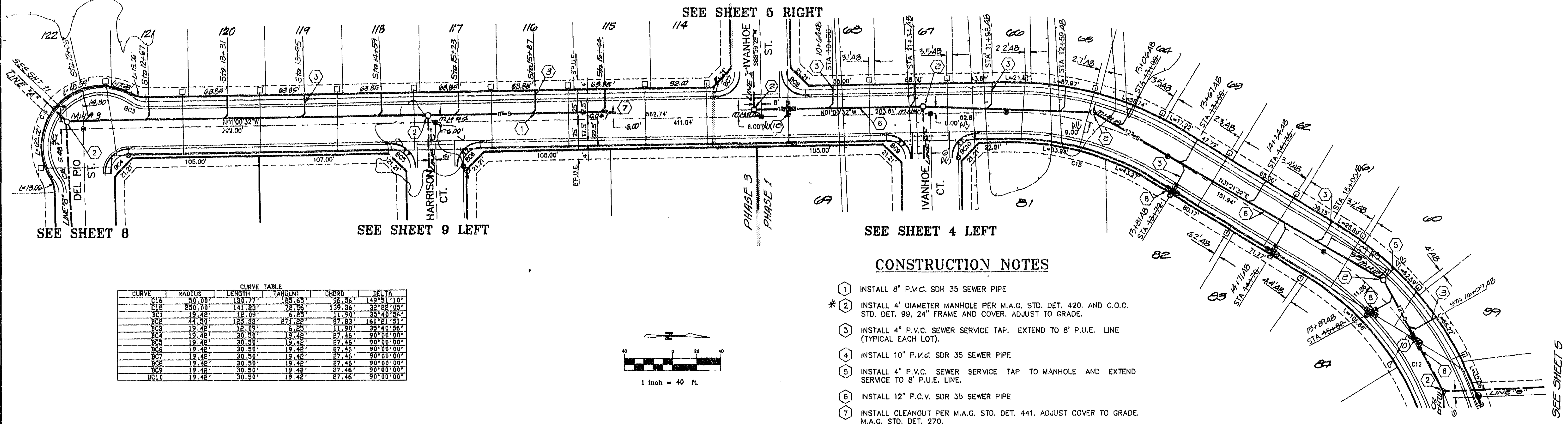
LINDA STREET PHASE I (SEWER LINE "E")

HOR.: 1" = 40'
VER.: 1" = 4'

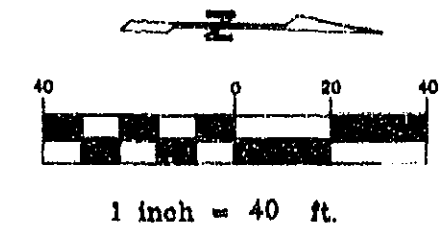


PHASE I FOREST CT. (SEWER LINE "K")





CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C16	90.00'	130.77'	189.65'	96.36'	149°51'10"
C18	250.00'	141.25'	72.56'	139.36'	32°22'05"
BC1	19.42'	12.09'	6.25'	11.90'	35°40'54"
BC2	44.50'	125.33'	271.22'	87.83'	161°21'51"
BC3	19.42'	12.09'	6.25'	11.90'	35°40'56"
BC4	19.42'	30.50'	19.42'	27.46'	90°00'00"
BC5	19.42'	30.50'	19.42'	27.46'	90°00'00"
BC6	19.42'	30.50'	19.42'	27.46'	90°00'00"
BC7	19.42'	30.50'	19.42'	27.46'	90°00'00"
BC8	19.42'	30.50'	19.42'	27.46'	90°00'00"
BC9	19.42'	30.50'	19.42'	27.46'	90°00'00"
BC10	19.42'	30.50'	19.42'	27.46'	90°00'00"



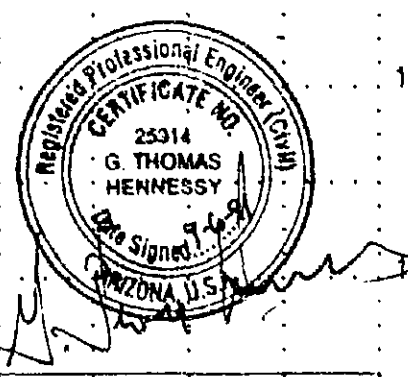
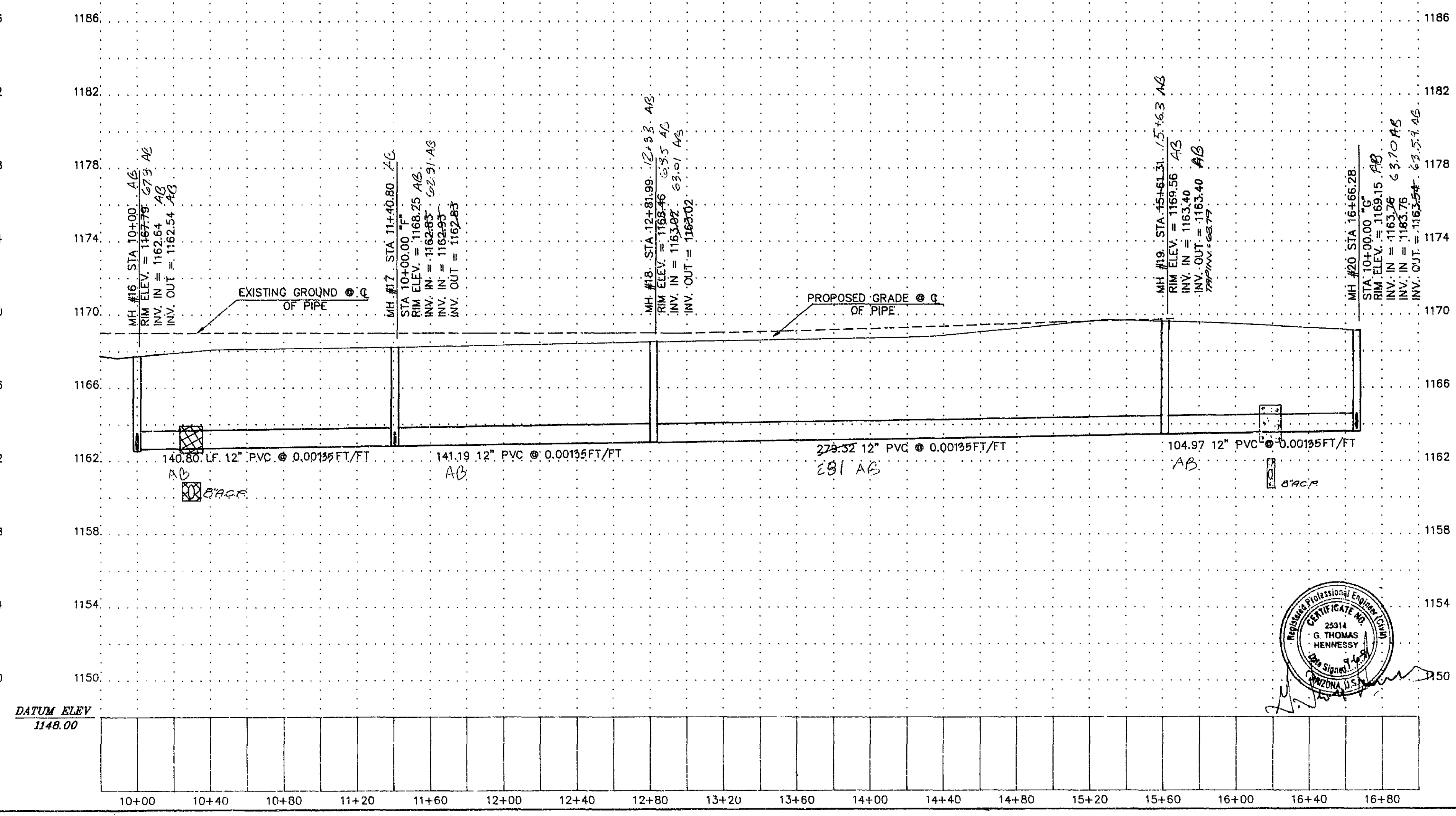
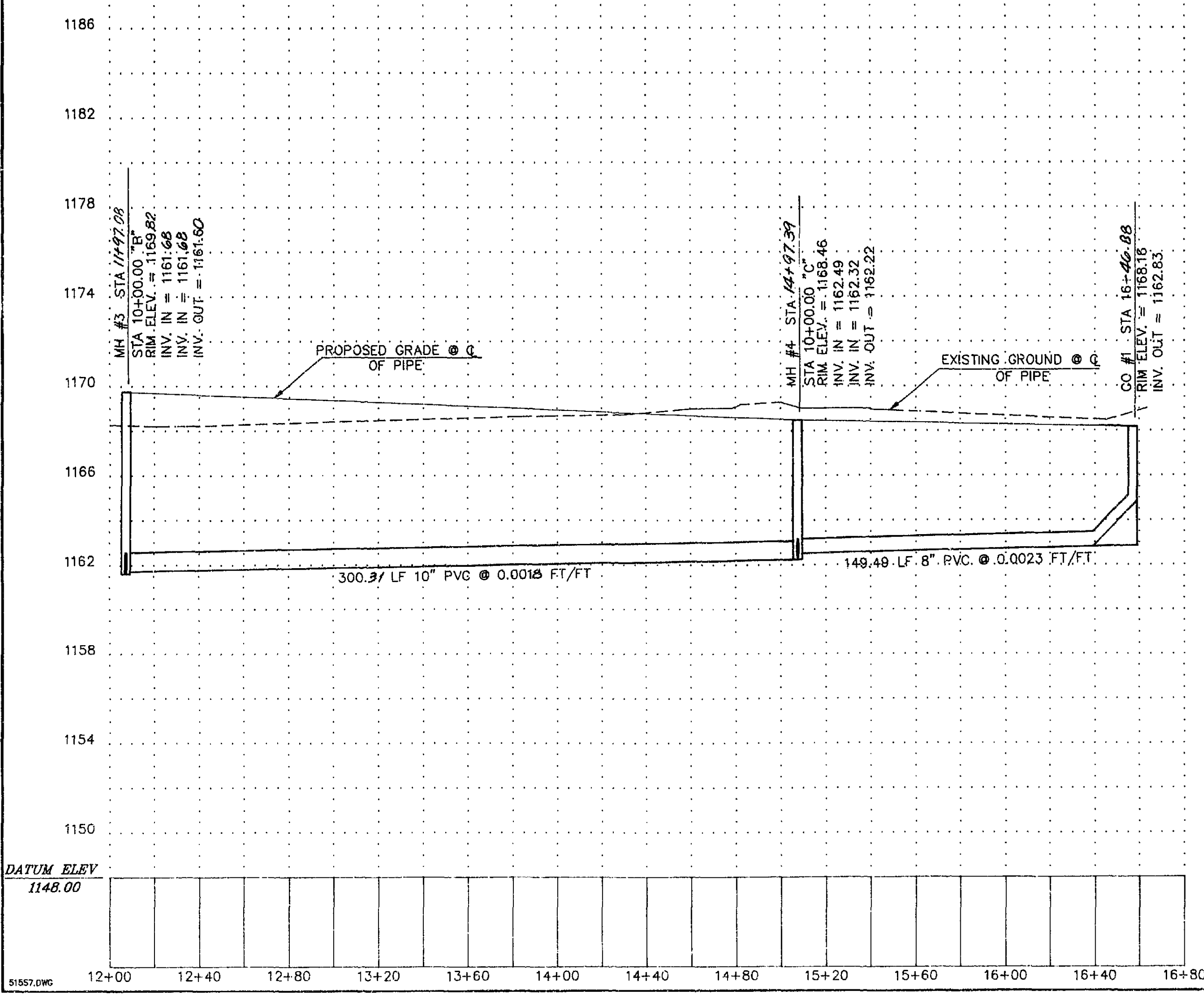
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 - * 2. INSTALL 4' DIAMETER MANHOLE PER M.A.G. STD. DET. 420. AND C.O.C. STD. DET. 99, 24" FRAME AND COVER. ADJUST TO GRADE.
 3. INSTALL 4" P.V.C. SEWER SERVICE TAP. EXTEND TO 8" P.U.E. LINE (TYPICAL EACH LOT).
 4. INSTALL 10" P.V.C. SDR 35 SEWER PIPE
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 6. INSTALL 12" P.C.V. SDR 35 SEWER PIPE
 7. INSTALL CLEANOUT PER M.A.G. STD. DET. 441. ADJUST COVER TO GRADE. M.A.G. STD. DET. 270.
 8. ENCASE SEWER HOUSE CONNECTION PER M.A.G. STD. DET. 404 (SEE SHT. 1) Mechanical or Restrained Joint Ductile Iron for 9" and 12" or Used As An Alternative to Concrete Encasements Per M.A.G. Std Det. 404.
 10. ENCASE SEWER LINE PER M.A.G. STD DET 404 (SEE SHT. 1)

* NOTE: MANHOLE FRAME AND COVER SHALL BE ADJUSTED PER M.A.G. STD. DET. 422. EXCEPT WHEN OUTSIDE OF PAVEMENT ALIGNMENT IN WHICH CASE IT SHALL BE ADJUSTED PER C.O.C. STD. SPEC. 3.

PHASE 3
(SEWER LINE "A")

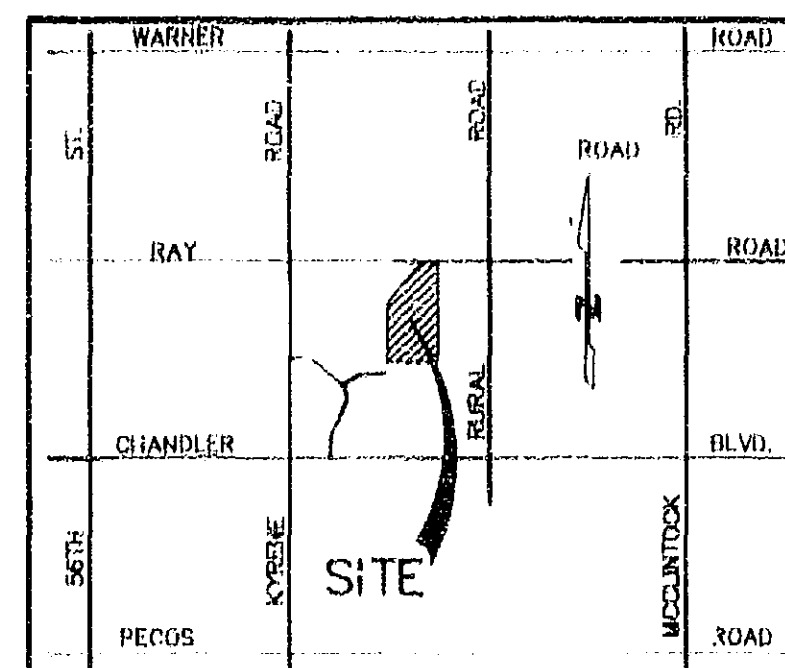
PINE VIEW DRIVE

PHASE 1 M
(SEWER LINE "E")

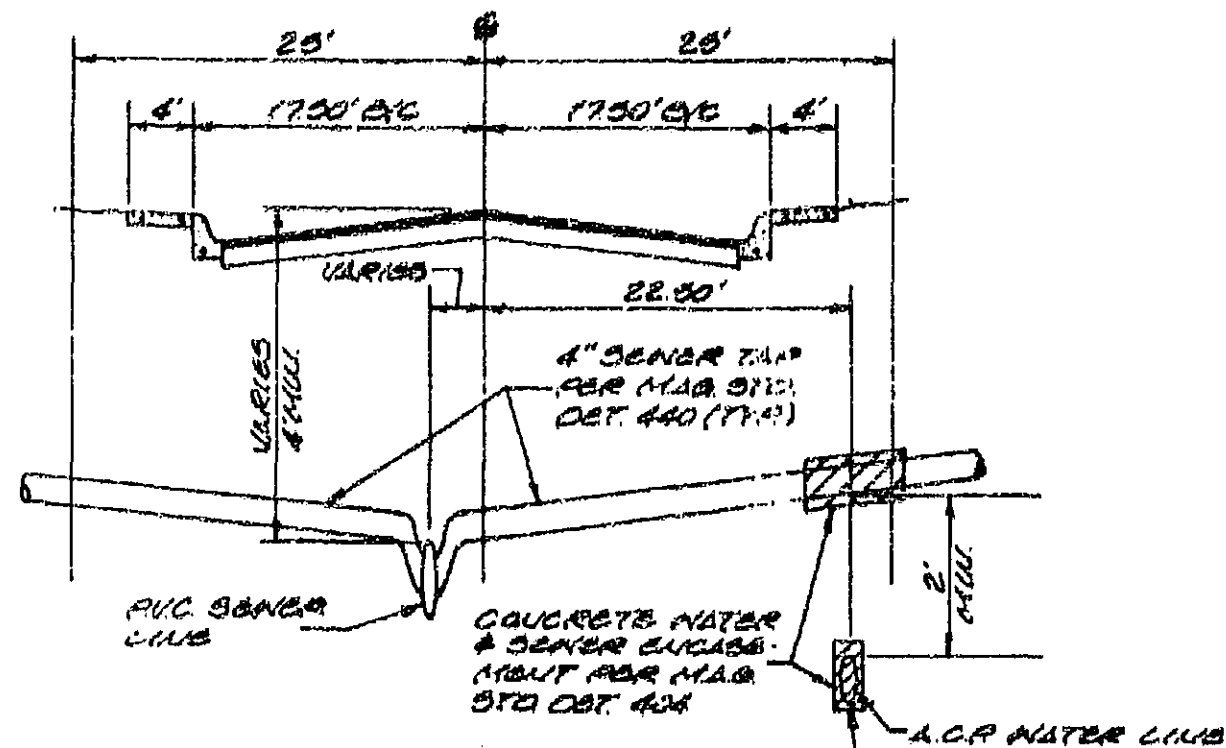


WOOD/PATEL ASSOCIATES

PINE VIEW SEWER PLANS CHANDLER, ARIZONA



VICINITY MAP



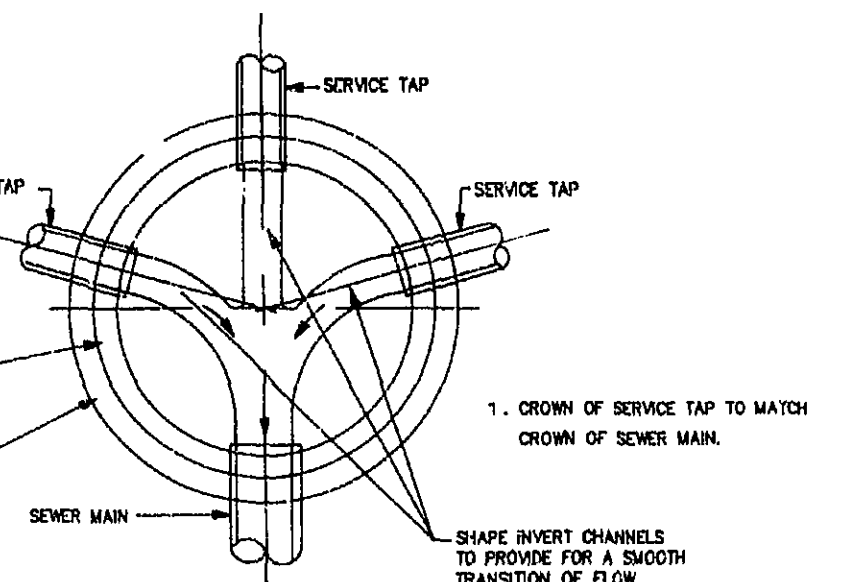
WATER MAIN AND SEWER TAP VERTICAL
SEPERATION DETAIL
LOOKING NORTH OR WEST

NOTE: SALT RIVER PROJECT MAINTAINS CERTAIN ENERGIZED, UNDERGROUND ELECTRICAL POWER LINES IN THE VICINITY OF THIS PROJECT, AND THESE LINES HAVE BEEN NOTED HEREIN AS POTENTIAL CONFLICTS. THESE POWER LINES REPRESENT AN EXTREME HAZARD FROM ELECTRICAL SHOCK TO ANY CONSTRUCTION PERSONNEL OR EQUIPMENT COMING IN CONTACT WITH THEM. ARIZONA LAW REQUIRES ALL PARTIES PLANNING EXCAVATIONS IN PUBLIC RIGHT-OF-WAY TO CONTACT ALL UTILITY FIRMS FOR LOCATION OF THEIR UNDERGROUND FACILITIES. CONTRACTORS MUST BE INSTRUCTED TO CALL THE BLUE STAKE CENTER (263-1100) FOR SUCH LOCATION SERVICE. CONTRACTORS, THEIR EMPLOYEES, AND ALL OTHER PERSONNEL WORKING NEAR ANY UNDERGROUND POWER LINES MUST BE WARNED TO TAKE ADEQUATE PROTECTIVE MEASURES. (SEE: OSHA STANDARD 1926.691 (a)).

AS AN ADDITIONAL SAFETY PRECAUTION, CONTRACTORS SHOULD ALSO BE INSTRUCTED TO CALL SALT RIVER PROJECT AT 236-8888 TO ARRANGE, IF POSSIBLE, TO HAVE THESE LINES DE-ENERGIZED WHEN THE WORK REACHES THEIR IMMEDIATE VICINITY. THE COST OF SUCH TEMPORARY ARRANGEMENTS WOULD BE BORNE BY THE CONTRACTOR. IF DE-ENERGIZATION IS FEASIBLE, THE CONTRACTOR MUST GIVE SALT RIVER PROJECT AT LEAST TWO DAYS ADVANCE NOTICE OF HIS REQUIREMENT.

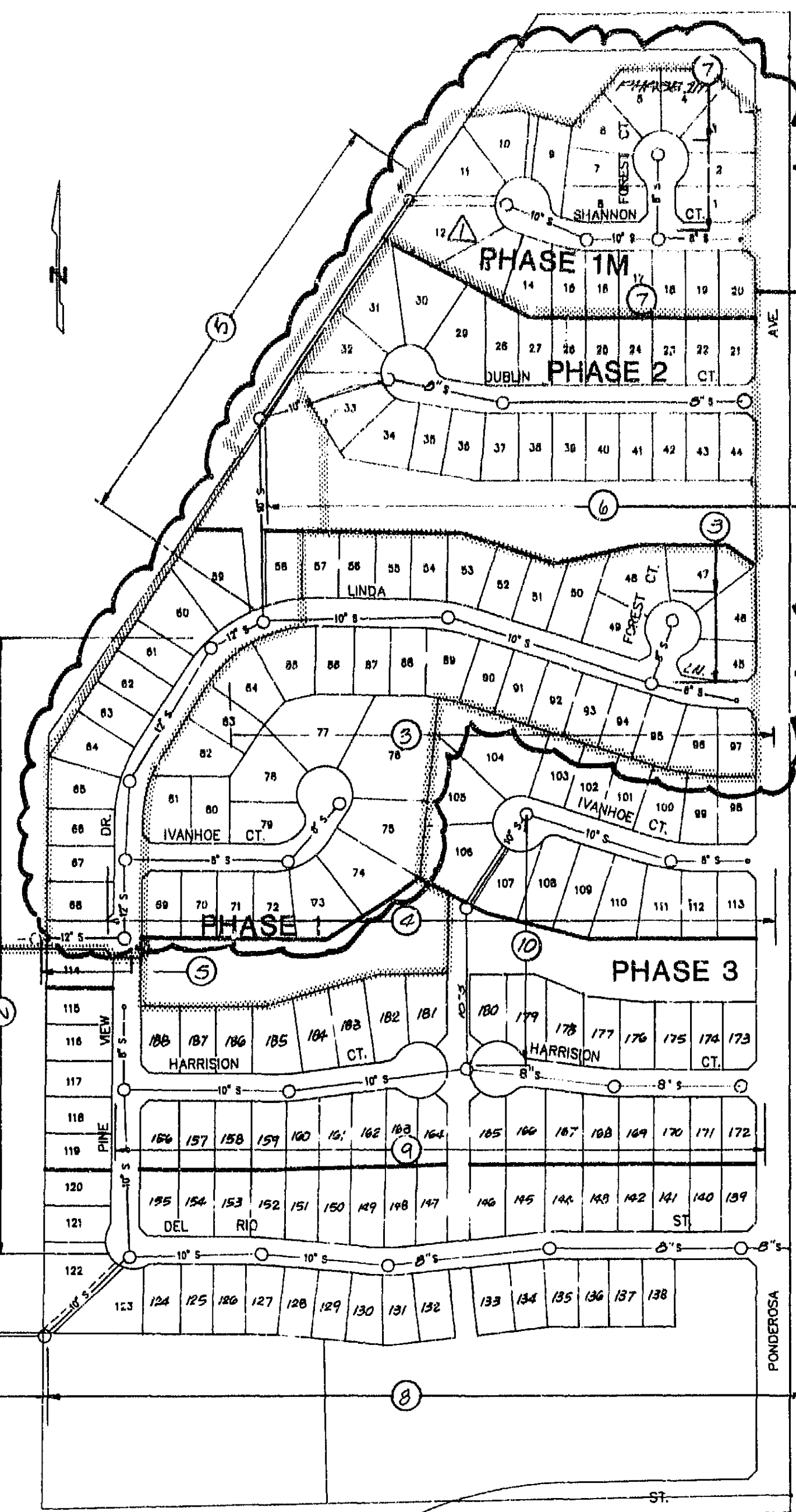
NOTE: SALT RIVER PROJECT MAINTAINS CERTAIN ENERGIZED A.C. ELECTRICAL POWER LINES IN THE VICINITY OF THE REFERENCED SITE. DO NOT ASSUME THESE LINES TO BE INSULATED. CONSTRUCTION PERSONNEL WORKING IN PROXIMITY TO THESE LINES ARE EXPOSED TO AN EXTREME HAZARD FROM ELECTRICAL SHOCK. THE CONTRACTORS, THEIR EMPLOYEES, AND ALL OTHER PERSONNEL WORKING AT THIS SITE MUST BE WARNED OF THE DANGER AND INSTRUCTED TO TAKE ADEQUATE PROTECTIVE MEASURES.

UNDER THE TERMS OF TITLE 40, ARTICLE 6.4, CHAPTER 2 OF ARIZONA REVISED STATUTES, THE RESPONSIBILITY FOR NOTIFICATION RESTS WITH THE PERSON OR BUSINESS ENTITY CONTRACTING TO PERFORM ANY FUNCTION, ACTIVITY, WORK OR OPERATION IN CLOSER PROXIMITY TO ANY HIGH-VOLTAGE OVERHEAD LINE THAN PERMITTED BY THIS ARTICLE. OSHA STANDARD 1926.650 (a) (15) ALSO PRESCRIBES MINIMUM WORKING CLEARANCES TO BE OBSERVED IN THE PLANNING OF WORK ACTIVITIES. WHEN WORKING CLEARANCES ARE NOT ADEQUATE UNDER THE TERMS OF APPLICABLE LAWS, PERSONS OR BUSINESS ENTITIES SHOULD BE INSTRUCTED TO CALL SALT RIVER PROJECT AT 236-8888 TO ARRANGE FOR PROTECTIVE MEASURES WHICH INCLUDE DE-ENERGIZING OR RELOCATING THE LINES PRIOR TO WORKING IN THE IMMEDIATE VICINITY. THE COST OF SUCH TEMPORARY ARRANGEMENTS SHALL BE BORNE BY THE PERSON OR BUSINESS ENTITY AS REFERENCED ABOVE. SALT RIVER PROJECT SHOULD BE NOTIFIED SEVERAL DAYS IN ADVANCE BY THE PERSON OR BUSINESS ENTITY SO AS TO ALLOW SUFFICIENT TIME TO ADJUST ITS FACILITIES.

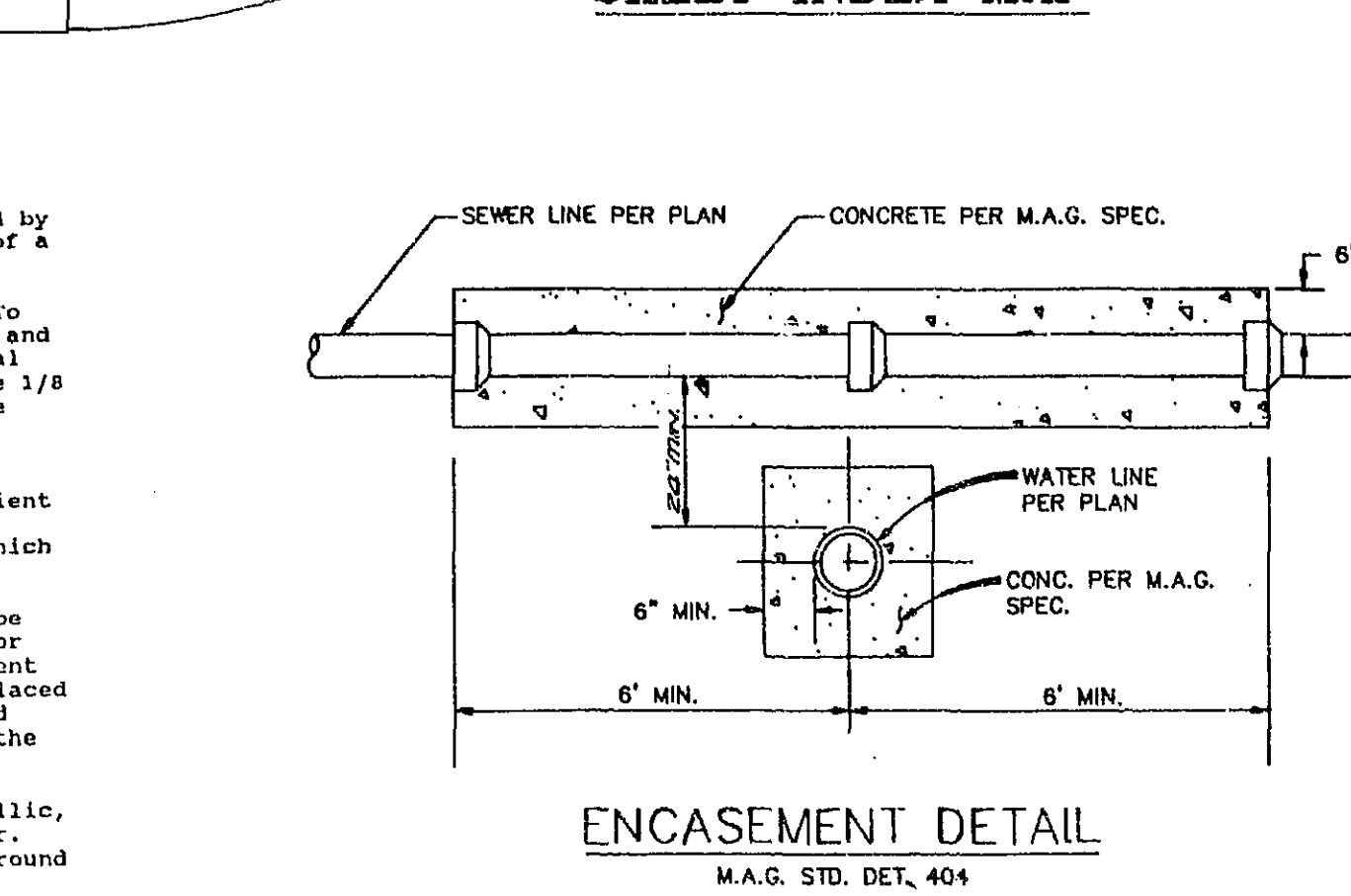


UTILITY NOTES

- THESE PLANS HAVE BEEN SUBMITTED TO THE FOLLOWING UTILITY COMPANIES AND THE WORK CONTAINED IN THESE PLANS HAS BEEN APPROVED BY THESE COMPANIES WITHIN THEIR AREA OF INTEREST. THE SIZE AND LOCATIONS, AS SHOWN, OF THE GAS, TELEPHONE AND POWER LINES, AND CONNECTIONS THEREWITH, WITH THE INFORMATION CONTAINED IN THE UTILITY COMPANY'S RECORDS. WHERE THE WORK TO BE DONE CONFLICTS WITH ANY OF THESE UTILITIES, THE CONFLICTS SHALL BE RESOLVED AS SPECIFIED IN THE SPECIAL PROVISIONS AND/OR AS OTHERWISE NOTED ON THESE PLANS. CONFLICTS ARISING DURING THE COURSE OF CONSTRUCTION FROM UNFORESEEN CIRCUMSTANCES SHALL BE REPORTED TO THE INTERESTED UTILITY COMPANY AND BE RESOLVED BY THEM AND THE DESIGN ENGINEER.
 - THE CITY WILL NOT PARTICIPATE IN THE COST OF CONSTRUCTION OR UTILITY RELOCATION.
- | UTILITY | CONTACT NAME | DATE |
|---------------------------|--------------------|---------|
| SALT RIVER POWER DISTRICT | LOIS BASHKARSIAN | 9-20-91 |
| SRVWA | HAROLD BIEVE | 9-20-91 |
| ARIZONA PUBLIC SERVICE | N/A | |
| U.S. WEST COMMUNICATIONS | CATHY CAMPBELL | 9-20-91 |
| SOUTHWEST GAS COMPANY | ELTON BUELL | 9-20-91 |
| CABLE T.V. | TODD GILLMAN | 9-20-91 |
| U.S. SPRINT | RIGHT OF WAY DEPT. | 9-20-91 |



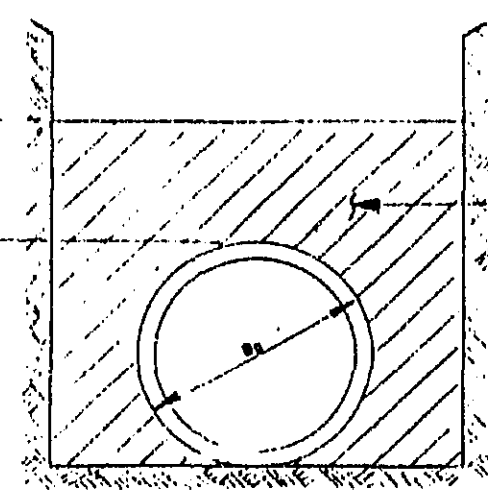
ENCASEMENT DETAIL
M.A.G. STD. DET. 404



8-7-92
AS-BUILTS

LEGEND

EXISTING	DESCRIPTION	PROPOSED
○ ○ ○	SURVEY MARKER	○ ○ ○
---	CURB & GUTTER	---
---	SIDEWALK	---
---	EXTRUDED/SINGLE CURB	---
---	CONTOURS	---
W	WATER LINE AND VALVE	W
S	FIRE HYDRANT	S
---	SEWER LINE & MANHOLE	---
---	SEWER CLEANOUT	---
---	CONC. SEW. ENCASEMENT	---
---	LIMITS OF PHASES	---



CLASS "D" TRENCH WIDTHS
NON PVC: MAG STD. SPEC., TABLE 601-1
PVC: MIN.=8'-0" ON EACH SIDE MAX.=8'-0" + 2"

CLASS "B" BEDDING MAY BE SUBSTITUTED FOR CLASS "D" BEDDING.

BEDDING DETAIL

UTILITIES & SERVICE

SANITARY SEWER	CITY OF CHANDLER
WATER	CITY OF CHANDLER
TELEPHONE	U.S. WEST COMMUNICATIONS
REFUSE DISPOSAL	CITY OF CHANDLER
POWER	SALT RIVER PROJECT
FIRE PROTECTION	CITY OF CHANDLER
STREET MAINTENANCE	CITY OF CHANDLER
CABLE TV	CITY OF CHANDLER

PHASES 1&2

APPROVED FOR COMPLIANCE WITH CITY CODE:

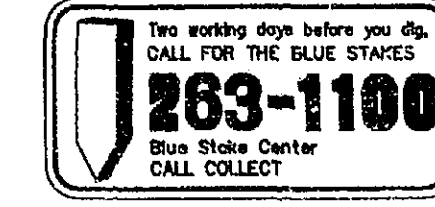
BY [Signature] DATE 1/28/92
BY [Signature] DATE 1/28/92
CITY ENGINEER
CIVIL ENGINEER

PHASE 1M

APPROVED FOR COMPLIANCE WITH CITY CODE:

BY [Signature] DATE 6/24/92
BY [Signature] DATE 6/24/92
CITY ENGINEER
CIVIL ENGINEER

CHANGED REMAINDER OF
SHANNON COURT TO
PHASE 1M



ENGINEER

WOOD, PATEL & ASSOCIATES, INC.
4105 N. 20TH STREET
SUITE 130
PHOENIX, ARIZONA 85016
(602) 957-3149

DEVELOPER

PULTE HOME CORPORATION
1430 W. BROADWAY RD.
SUITE A-200
TEMPE, ARIZONA 85282
(602) 968-9100

BENCHMARK

SEC. 26 T.1S., R.4E. CITY OF CHANDLER
BRASS CAP FLUSH AT THE INTERSECTION OF
JENTILLY LANE AND JOSHUA BOULEVARD.
ELEVATION = 1171.56 (City of Chandler Datum)
C.M.C.N. #4

PHASE 1M IS THE MODEL PHASE

ESTIMATED QUANTITIES

DESCRIPTION	PHASE 1M	PHASE 1	PHASE 2	PHASE 3
4" DIA. MANHOLE	12 EA.	6 EA.	3 EA.	11 EA.
8" P.V.C.	350 L.F.	650 L.F.	640 L.F.	1219 L.F.
10" P.V.C.	1353 L.F.	686 L.F.	252 L.F.	2158 L.F.
12" P.V.C.	811 L.F.	0 L.F.	0 L.F.	0 L.F.
CONC. ENCASE.	300 L.F.	336 L.F.	360 L.F.	552 L.F.
4" TAP	36 EA.	40 EA.	29 EA.	91 EA.
CLEANOUT	1 EA.	1 EA.	0 EA.	0 EA.
STUB OUT & PLUG	3 EA.	0 EA.	1 EA.	1 EA.

SHEET INDEX

PHASE 1 - SHTS. 2-6 AS INDICATED
PHASE 2 - SHTS. 5-7 AS INDICATED
PHASE 3 - SHTS. 2, 4, 8, 9, 10 AS INDICATED

APPROVED

BY [Signature] DATE 12/4/91
BY [Signature] DATE 6/24/92
CITY ENGINEER
CIVIL ENGINEER

PHASE 3

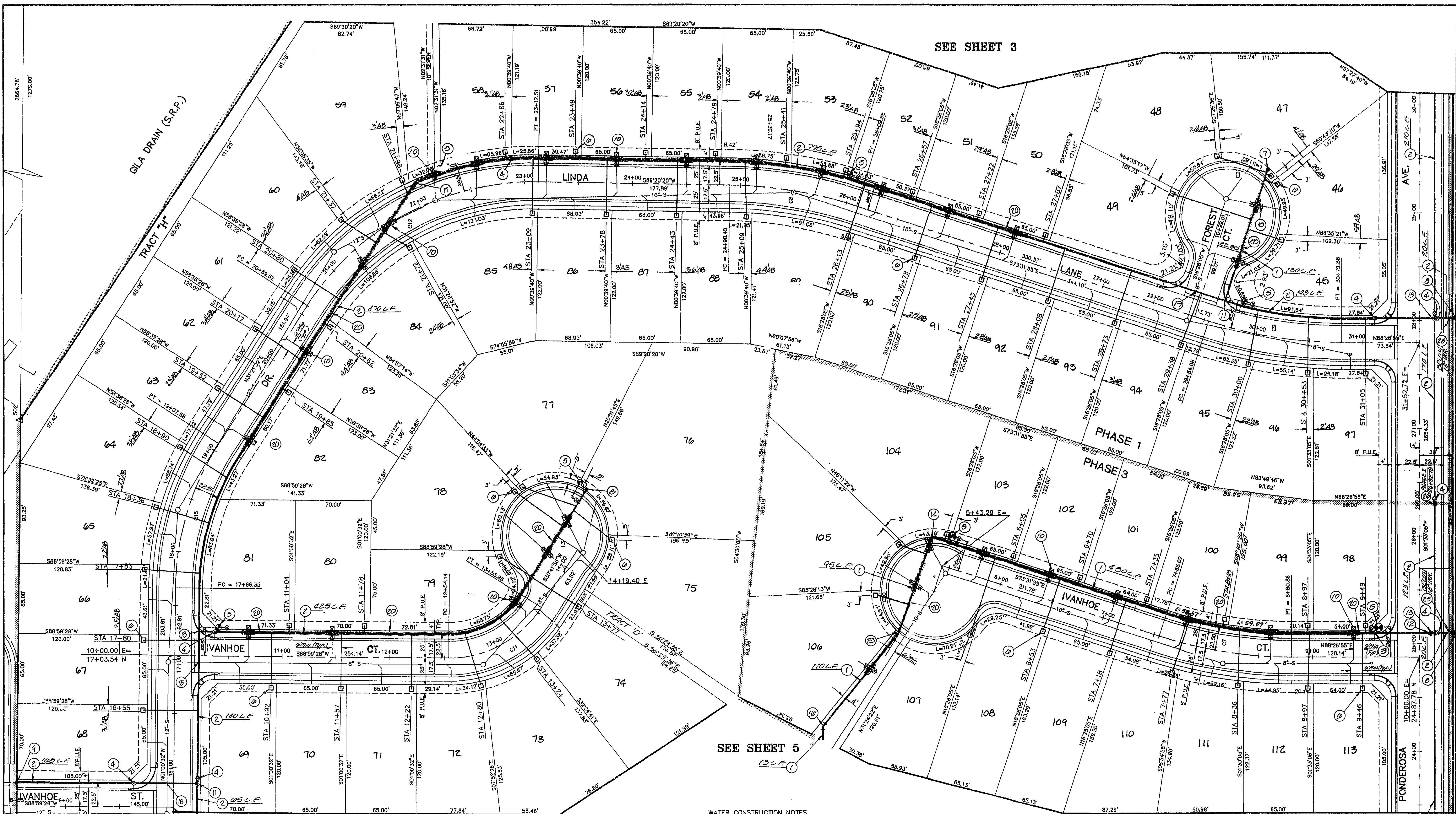
APPROVED FOR COMPLIANCE WITH CITY CODE:

BY [Signature] DATE 6/24/92
BY [Signature] DATE 6/24/92
CITY ENGINEER
CIVIL ENGINEER

PINE VIEW SEWER PLANS

WOOD/PATEL
ASSOCIATES
Civil Engineers
Hydrologists
Land Surveyors

SCALE	SHEET
1" = 10'	1 OF 11
DATE	JOB NO.
SEP. 1991	91731
DESIGN	CHECK
DRWN	FILE

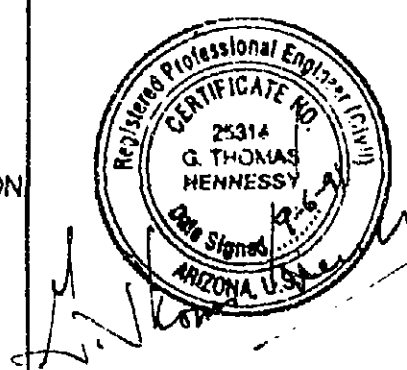


SEE SHEET 3

SEE SHEET 5

WATER CONSTRUCTION NOTES

1. INSTALL 6" A.C.P.
2. INSTALL 8" A.C.P.
3. INSTALL 6" V.B. & C. PER C.O.C. STD. DET. 51. ADJUST TO GRADE.
4. INSTALL 8" V.B. & C. PER C.O.C. STD. DET. 51. ADJUST TO GRADE.
5. INSTALL FIRE HYDRANT COMPLETE PER C.O.C. STD. DET. 50, 51 & M.A.G. STD. DET. 301.
6. INSTALL 3/4" WATER TAP, SERVICE AND BOX PER CITY OF CHANDLER STD. DET. 103. (TYP.)
7. INSTALL 6" X 2" TAPPED CAP W/ 2" BLOW-OFF PER M.A.G. STD. DET. 390 TYPE "B".
8. INSTALL 8" X 2" TAPPED CAP W/ 2" BLOW-OFF PER M.A.G. STD. DET. 390 TYPE "B".
9. REMOVE EXISTING 8" CAP & CONNECT TO EXISTING 8" WATERLINE.
10. CONSTRUCT CONCRETE ENCASEMENT PER M.A.G. STD. DET. 404 (TYP.) MECHANICAL OR RESTRAINED JOINT DUCTILE IRON PIPE SHALL BE USED AS AN ALTERNATIVE TO CONCRETE ENCASEMENTS PER M.A.G. STD. DET. 404.
11. INSTALL 8" X 6" TEE.
12. INSTALL 8" X 6" REDUCER.
13. INSTALL 8" X 8" TEE.
14. INSTALL 6" 90° BEND.
15. INSTALL 6" X 6" TEE.
16. INSTALL 6" 45° BEND.
17. INSTALL 8" 45° BEND.
18. INSTALL 8" MECHANICAL JOINT DUCTILE IRON PIPE. DUCTILE PIPE TO EXTEND 6' ON BOTH SIDES FROM & SEWER.
19. INSTALL 8" MECHANICAL JOINT DUCTILE IRON PIPE. DUCTILE PIPE TO EXTEND 6' ON BOTH SIDES FROM & SEWER.
20. INSTALL A.C.P. WATERLINE BELOW 4" SEWER TAPS IN LOCATIONS INDICATED BY GRAPHIC TAPE, SEE DETAIL ON COVER SHEET.
21. REMOVE EXIST. 6" CAP & CONNECT NEW 6" A.C.P. TO EXIST.
22. INSTALL 8" X 8" CROSS.
23. INSTALL 6" 22.5° BEND.
24. PHASE IM: INSTALL 1 PIPE LENGTH OF 6" A.C.P. (MIN.) PAST VALVE & 6" X 2" TAPPED CAP WITH 2" BLOW-OFF PER M.A.G. STD. DET. 390 TYPE "A". WATER SERVICE TO BE CONSTRUCTED W/ PHASE II CONSTRUCTION PHASE II: REMOVE TAPPED CAP & BLOW-OFF & CONNECT NEW PIPE TO EXISTING.
25. D.I.P. WATER LINE PER DETAIL SHEET 1.
26. PHASE 1: INSTALL 8" X 2" TAPPED CAP W/ 2" BLOW-OFF VALVE PER M.A.G. STD. DET. 390 "B". PHASE 3: REMOVE EXISTING 8" X 2" TAPPED CAP W/ BLOW-OFF & CONNECT NEW 8" A.C.P. TO EXISTING.



PINE VIEW
WATER PLAN

**WOOD/PATEL
ASSOCIATES**
Civil Engineers
Hydrologists
Land Surveyors

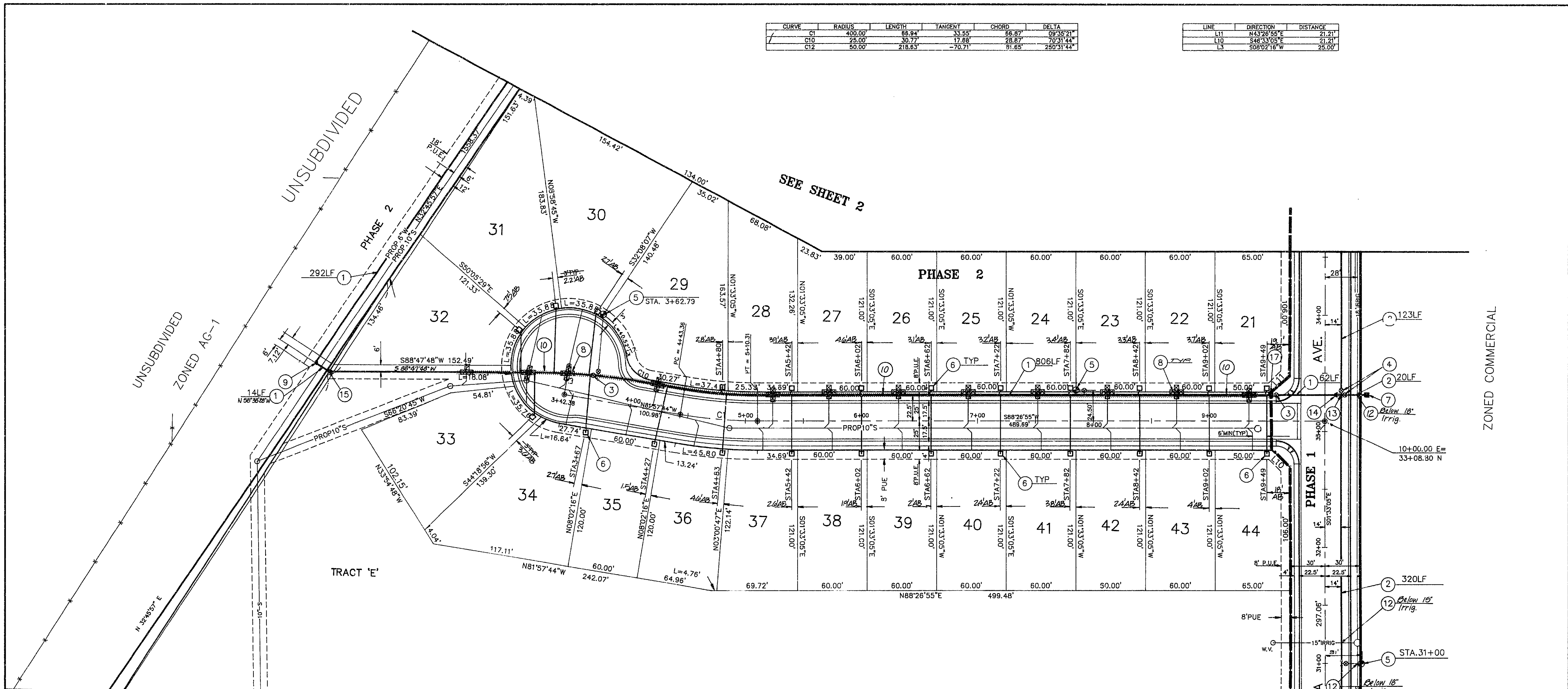
SCALE 1" = 40'	SHEET 4 OF 6
DATE SEPT., 1991	JOB NO. 91731
DESIGN FILE	CHECK TH FILE
DRAWN L.C.	FILE S15W4.DWG

* Fire Hydrant Valve Box Installation Shall Be Per C.O.C. Std. Det. 51 And Valve Blowing Shall Be Per M.A.G. Std. Det. 301.

1 inch = 40 ft.

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	400.00'	66.84'	33.55'	66.87'	09°35'21"
C10	25.00'	30.77'	17.68'	28.87'	70°31'44"
C12	50.00'	218.63'	-76.71'	91.65'	250°31'44"

LINE	DIRECTION	DISTANCE
L11	N43°26'55"E	21.21'
L10	S46°33'03"E	21.21'
L3	S09°02'18"W	25.00'



WATER CONSTRUCTION NOTES

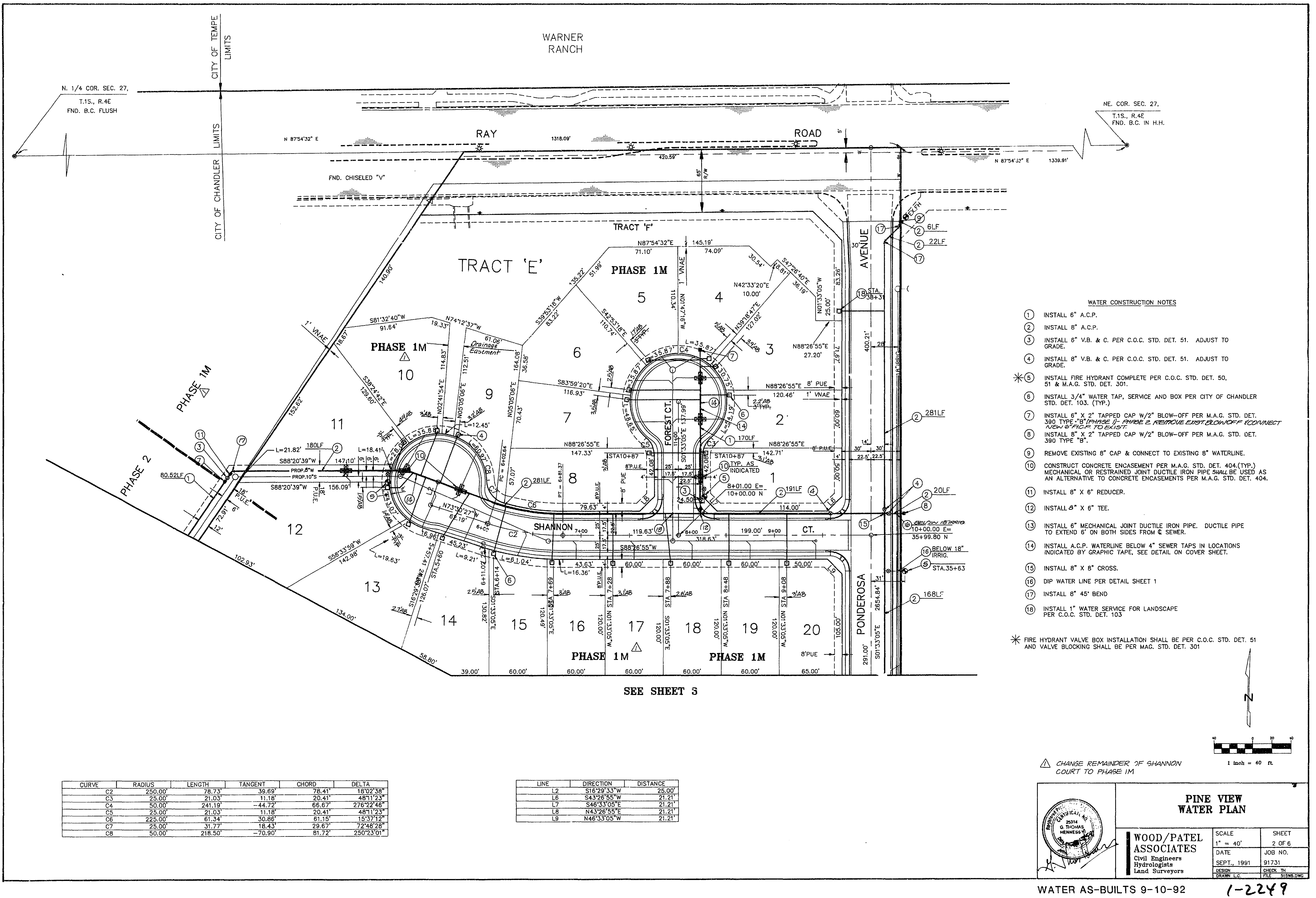
1. INSTALL 6" A.C.P.
2. INSTALL 8" A.C.P.
3. INSTALL 6" V.B. & C. PER C.O.C. STD. DET. 51. ADJUST TO GRADE.
4. INSTALL 8" V.B. & C. PER C.O.C. STD. DET. 51. ADJUST TO GRADE.
- *5. INSTALL FIRE HYDRANT COMPLETE PER C.O.C. STD. DET. 50, 51 & M.A.G. STD. DET. 301.
6. INSTALL 3/4" WATER TAP, SERVICE AND BOX PER CITY OF CHANDLER STD. DET. 103. (TYP.)
7. INSTALL 8" X 2" TAPPED CAP W/2" BLOW-OFF PER M.A.G. STD. DET. 390 TYPE "B".
8. CONSTRUCT CONCRETE ENCASEMENT PER M.A.G. STD. DET. 404.(TYP.) MECHANICAL OR RESTRAINED JOINT DUCTILE IRON PIPE SHALL BE USED AS AN ALTERNATIVE TO CONCRETE ENCASEMENTS PER M.A.G. STD. DET. 404.
9. INSTALL 6" 90° BEND.
10. INSTALL A.C.P. WATERLINE BELOW 4" SEWER TAPS IN LOCATIONS INDICATED BY GRAPHIC TAPE, SEE DETAIL ON COVER SHEET.
11. REMOVE EXIST. 8" CAP & CONNECT NEW 8" A.C.P. TO EXIST.
12. D.I.P. WATER LINE PER DETAIL SHEET 1.
13. INSTALL 8" X 8" CROSS.
14. INSTALL 8" X 6" REDUCER.
15. INSTALL 6" 45° BEND.
16. INSTALL 1" WATER SERVICE FOR LANDSCAPE PER C.O.C. STD. DET. 103.
17. PHASE 1: INSTALL 1 PIPE LENGTH OF 6"A.C.P. (MIN.) & 6"X2" TAPPED CAP WITH 2" BLOW-OFF PER M.A.G. STD. DET. 390 "B" WATER SERVICES TO BE CONSTRUCTED WITH PHASE 2 CONSTRUCTION PHASE 2: REMOVE TAPPED CAP & BLOW-OFF AND CONNECT NEW PIPE TO EXISTING.
- * FIRE HYDRANT VALVE BOX INSTALLATION SHALL BE PER C.O.C. STD. DET. 51 AND VALVE BLOCKING SHALL BE PER M.A.G. STD. DET. 301

SEE SHEET 4

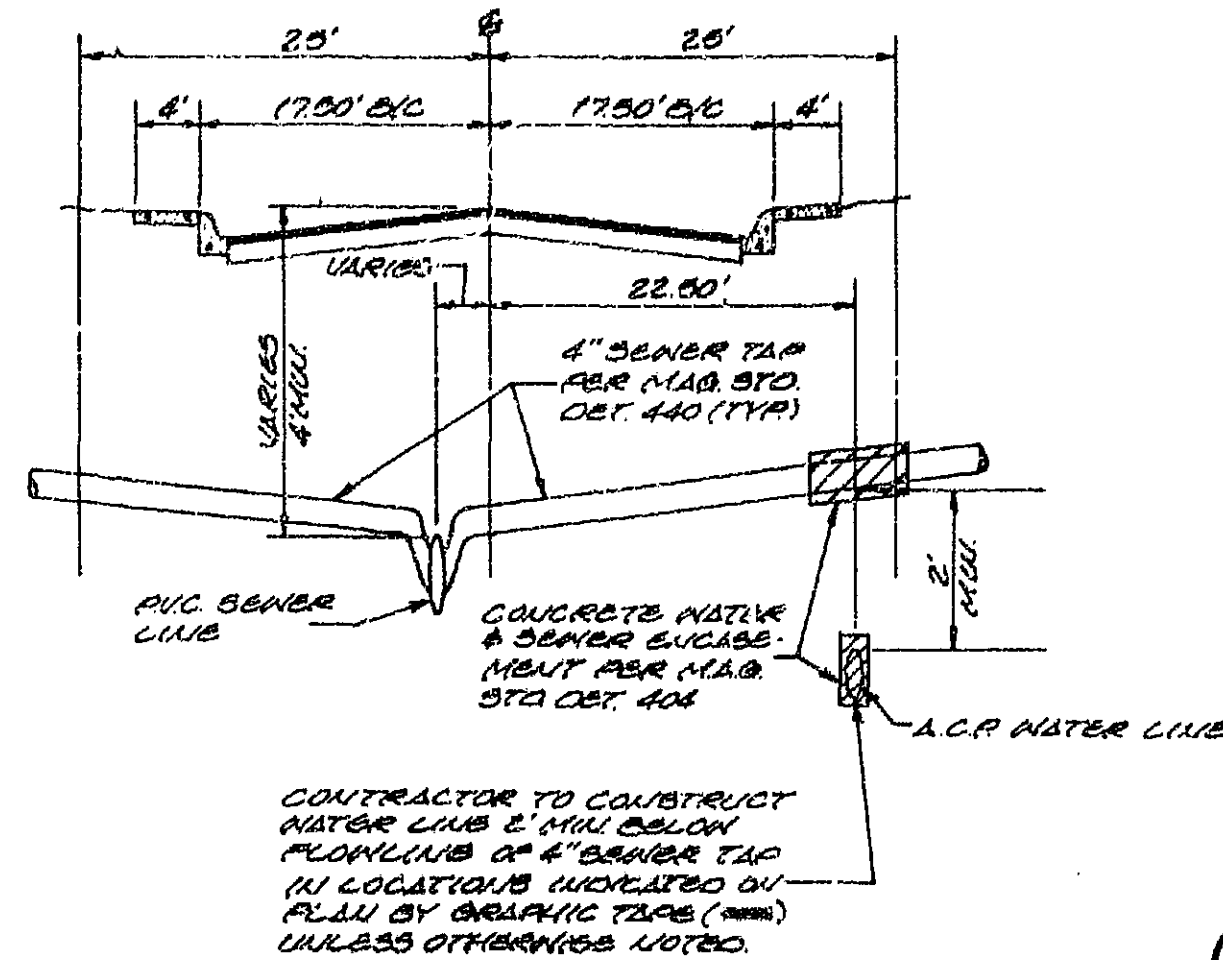
	PINE VIEW WATER PLAN	
	WOOD/PATEL ASSOCIATES Civil Engineers Hydrologists Land Surveyors	
	SCALE 1" = 40'	SHEET 3 OF 6
	DATE SEPT., 1991	JOB NO. 91730
	DESIGN BY BAS	CHECK BY TH
	DRAWN BY BAS	FILE 81095.DWG

WATER AS-BUILTS 9-10-92

1-2249



PINE VIEW WATER PLANS CHANDLER, ARIZONA



WATER MAIN AND SEWER TAP VERTICAL
SEPARATION DETAIL
LOOKING NORTH OR WEST

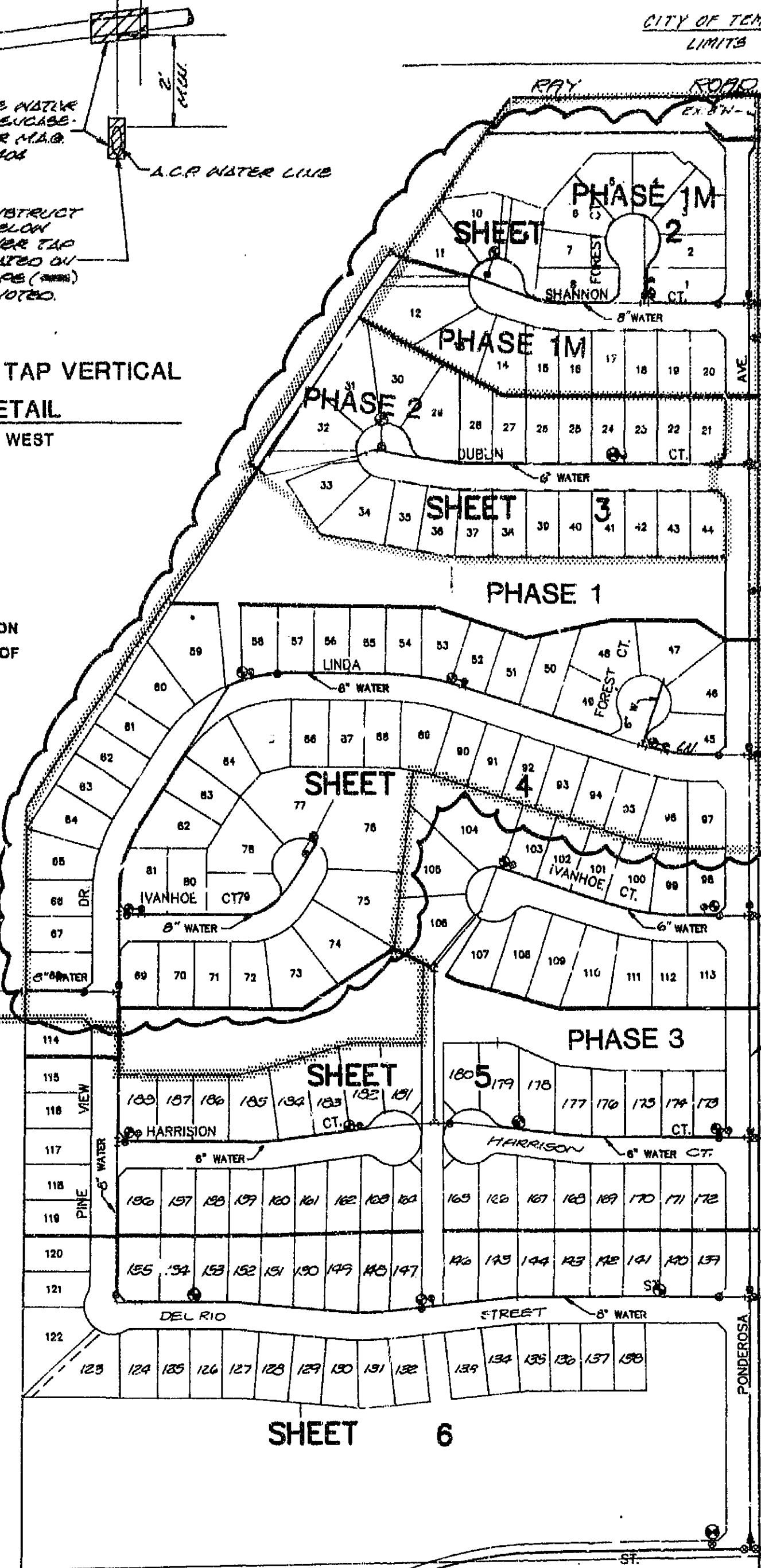
"AS-BUILT" CERTIFICATION (PHASES - 1, 1M, 2)

I HEREBY CERTIFY THAT THE "AS-BUILT" IMPROVEMENTS AS SHOWN HEREON
ARE LOCATED AS NOTED, AND THE LOCATIONS ARE CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF.

REGISTERED PROFESSIONAL ENGINEER

DATE 9-9-92

2514 O. THOMAS HENNESSY



SHEET INDEX MAP

CITY OF CHANDLER DEVELOPMENT AND COMMUNITY SERVICES DEPARTMENT Development Services Division

GENERAL NOTES

- All construction shall be in accordance with current MAG Specifications and Standard Details as modified by the City of Chandler.
- The contractor shall obtain all necessary permits prior to construction.
- The City Engineer's Office shall be notified 24 hours prior to starting each phase of construction (766-2951).
- Any work performed without the approval of the City Engineer and/or all work and material not in conformance with the specifications is subject to removal and replacement at the contractor's expense.
- The contractor will uncover all existing lines being tied into to verify their location. The contractor will locate or have located all existing underground utilities (electric, telephone, pipelines, etc.) and structures in advance of construction and will eliminate all conflicts prior to start of construction. BLUE STAKE Telephone No. is 763-1100.
- The City of Chandler is not responsible for liability accrued due to delays and/or damages to utilities in conjunction with this construction. The City will not participate in the cost of construction or utility relocation.
- No final acceptance shall be issued until lines or plans reproducible "As-Built" Plans certified by the Engineer, have been submitted and accepted by the City Engineer.
- Backfilling shall not be started until lines are approved by the City Engineer.
- All backfill shall be installed in accordance with MAG Standard Specification 601, Type 1.
- Disposal of and stockpiling of excess material within the Chandler City Limits or Planning Area will be done in such a way that will not create a nuisance. The placing of material on private property of another requires written authorization.
- Traffic control shall be maintained in accordance with the Chandler Traffic Barricade Manual.
- The contractor shall provide adequate means for cleaning trucks and other equipment of mud prior to entering public streets, and it is the contractor's responsibility to clean streets, alley dust, and take whatever measures are necessary to insure that all roads are maintained in a clean, mud and dust free condition at all times.
- Applications for Street Cut Permits must be approved by the City Engineer prior to approval of Improvement Plans. All pavement replacement shall be either full-depth A.B.C. or A.B.C. slurry backfill in accordance with City of Chandler Standard Specification 4 and M.A.G. Std. Det. 200 "P" Top.
- An approved set of plans shall be maintained on the job site at all times work is in progress. Deviation from the plans will not be allowed without an approved plan revision.
- A minimum horizontal separation of 6 feet is required between sewer services and water or fireline services. A minimum horizontal separation of 6 feet is required between reclaimed water services and sewer, water, or fireline services.
- I hereby certify that the "As-Built" information as shown hereon was made under my supervision, or as noted, and is correct to the best of my knowledge and belief.

Registered Professional Engineer Date

CITY OF CHANDLER
DEVELOPMENT AND COMMUNITY SERVICES DEPARTMENT
Development Services Division

WATER NOTES

- Fire hydrants shall be furnished by the contractor and installed in accordance with City of Chandler Standard Detail 50. All fire hydrants shall be painted according to Fire Department Standards after installation.
- All water service line and meter box installations shall conform to City of Chandler Standard Detail 103.
- Meter boxes and lids to be supplied by the developer and installed facing lot (see City of Chandler Standard Detail 100-1 and MAG Standard Detail 320). NO PLASTIC METER BOXES.
- City of Chandler to furnish and install all water meters with prevailing costs to be paid by developer.
- All valves shall be gate type, unless otherwise noted, and open to the left.
- All valve boxes shall conform to City of Chandler Standard Detail 51.
- City water valves will be operated by City personnel only.
- Butterfly valve operator will be offset to the side of main away from movement line.
- All taps shall use a bronze service saddle. Eight (8) inches or less shall be single strap and ten (10) inches or greater shall be double strap.
- Taps in ACP shall be made in accordance with the recommendations of the ACP Manufacturers Association.
- Metallic, detectable warning tape or locator wire shall be required at locations designated by the off-site inspector when changes in horizontal pipe alignment are not apparent from surface appearances. The tape or wire shall be placed one foot above the top of pipe (maximum depth 4 feet) and shall extend a minimum of 6 feet in each direction from the alignment change and shall be shown on as-built plans.
- MECHANICAL JOINT OR RESTRAINED DUCTILE IRON PIPE SHALL BE USED FOR WATER LINE PROTECTION WHEN M.A.G. STANDARD DETAIL 404 IS SPECIFIED ON THE PLANS.

UTILITY NOTES

- THESE PLANS HAVE BEEN SUBMITTED TO THE FOLLOWING UTILITY COMPANIES AND THE WORK CONTAINED IN THESE PLANS HAS BEEN APPROVED BY THESE COMPANIES "WITHIN THEIR AREA OF INTEREST" AND THE SIZE AND LOCATIONS, AS SHOWN, OF THE GAS, TELEPHONE AND POWER LINES, AND CONNECTIONS AGREE WITH THE INFORMATION CONTAINED IN THE UTILITY COMPANIES' RECORDS, WHERE THE WORK TO BE DONE COINCIDES WITH THESE UTILITIES. THE CONFLICTS SHALL BE RESOLVED AS SPECIFIED IN THE SPECIAL PROVISIONS AND/OR AS OTHERWISE NOTED ON THESE PLANS. CONFLICTS ARISING DURING THE COURSE OF CONSTRUCTION FROM UNFORESEEN CIRCUMSTANCES SHALL BE REPORTED TO THE INTERESTED UTILITY COMPANY AND BE RESOLVED BY THEM AND THE DESIGN ENGINEER.
- THE CITY WILL NOT PARTICIPATE IN THE COST OF CONSTRUCTION OR UTILITY RELOCATION.

SALT RIVER POWER DISTRICT	LOIS BAGHOSARIAN 9-20-91
COMPANY REPRESENTATIVE CONTACTED	DATE
SRVMA	HAROLD BEVER 9-20-91
COMPANY REPRESENTATIVE CONTACTED	DATE
ARIZONA PUBLIC SERVICE	N/A
COMPANY REPRESENTATIVE CONTACTED	DATE
U.S. WEST COMMUNICATIONS	CATHY CAMPBELL 9-20-91
COMPANY REPRESENTATIVE CONTACTED	DATE
SOUTHWEST GAS COMPANY	ALTON BUELL 9-20-91
COMPANY REPRESENTATIVE CONTACTED	DATE
CABLE T.V.	TOCO GILLAM 9-20-91
COMPANY REPRESENTATIVE CONTACTED	DATE

U.S. SPENT RIGHT-OF-WAY DEPT. 9-20-91
COMPANY REPRESENTATIVE CONTACTED

NOTE: SALT RIVER PROJECT MAINTAINS CERTAIN ENERGIZED, UNDERGROUND ELECTRICAL POWER LINES IN THE VICINITY OF THIS PROJECT, AND THESE LINES HAVE BEEN NOTED HEREIN AS POTENTIAL CONFLICTS. THESE POWER LINES REPRESENT AN EXTREME HAZARD FROM ELECTRICAL SHOCK TO ANY CONSTRUCTION PERSONNEL OR EQUIPMENT COMING IN CONTACT WITH THEM. ARIZONA LAW REQUIRES ALL PARTIES PLANNING EXCAVATIONS IN PUBLIC RIGHT-OF-WAY TO CONTACT ALL UTILITY FIRMS FOR LOCATION OF THEIR UNDERGROUND FACILITIES. CONTRACTORS MUST BE INSTRUCTED TO CALL THE BLUE STAKE CENTER (263-1100) FOR SUCH LOCATION SERVICES. CONTRACTORS, THEIR EMPLOYEES, AND ALL OTHER PERSONNEL WORKING NEAR ANY UNDERGROUND POWER LINES MUST BE WARNED TO TAKE ADEQUATE PROTECTIVE MEASURES. (SEE: OSHA STANDARD 1926.651 (a)). AS AN ADDITIONAL SAFETY PRECAUTION, CONTRACTORS SHOULD ALSO BE INSTRUCTED TO CALL SALT RIVER PROJECT AT 236-8888 TO ARRANGE, IF POSSIBLE, TO HAVE THESE LINES DE-ENERGIZED WHEN THE WORK REACHES THEIR IMMEDIATE VICINITY. THE COST OF SUCH TEMPORARY ARRANGEMENTS WOULD BE BORNE BY THE CONTRACTOR. IF DE-ENERGIZATION IS FEASIBLE, THE CONTRACTOR MUST GIVE SALT RIVER PROJECT AT LEAST 30 DAYS ADVANCE NOTICE OF HIS REQUIREMENT.

ENGINEERS NOTES

- THE ESTIMATED QUANTITIES SHOWN ARE FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETENESS AND ACCURACY OF A REVEALED ESTIMATE BASED ON THESE PLANS, CURRENT CODES, AND SITE INSPECTION.
- A THOROUGH ATTEMPT HAS BEEN MADE TO SHOW THE LOCATIONS OF ALL UNDERGROUND OBSTRUCTIONS AND UTILITY LINES IN THE WORK AREA. HOWEVER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO OBSTRUCTIONS AND UTILITY LINES DISCOVERED DURING CONSTRUCTION AND SHALL DETERMINE THE EXACT LOCATION OF UTILITIES IN ADVANCE OF CONSTRUCTION.

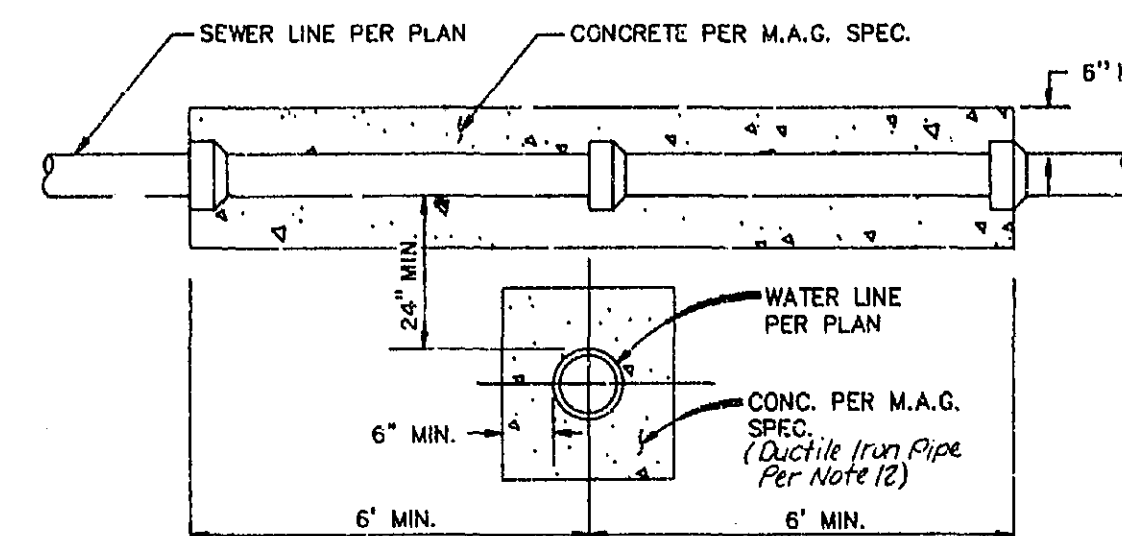
SHEET INDEX
PHASE 1 SHT 1-4
PHASE 2 SHT 5-13
PHASE 3 SHT 5-10

LEGEND

EXISTING	DESCRIPTION	PROPOSED
○ ○ ○ ○	SURVEY MARKER	○ ○ ○ ○
—	CURB & GUTTER	—
—	SIDEWALK	—
—	EXTRUDED/SINGLE CURB	—
(T.C. 71.60) (G. 71.10)	TOP OF CURB ELEVATION	T.C. 71.60 G. 71.10
(P. 71.60) (71.0)	GUTTER ELEVATION	P. 71.60 71.0
—	PAVEMENT ELEVATION	—
—	SPOT ELEVATION	—
—	A.C. PAVEMENT	—
—	WATER LINE AND VALVE	—
—	FIRE HYDRANT	—
—	SEWER LINE & MANHOLE	—
—	SEWER CLEANOUT	—
—	STORM DRAIN & MANHOLE	—
—	CONC. WATER ENCASEMENT	—
—	INDICATES WATER LINE TO BE CONSTRUCTED BELOW 4" SEWER TAPS	—
—	LIMITS OF PHASING	—

UTILITIES & SERVICE

SANITARY SEWER	CITY OF CHANDLER
WATER	CITY OF CHANDLER
TELEPHONE	U.S. WEST COMMUNICATIONS
REFUSE DISPOSAL	CITY OF CHANDLER
POWER	SALT RIVER PROJECT
FIRE PROTECTION	CITY OF CHANDLER
POLICE PROTECTION	CITY OF CHANDLER
STREET MAINTENANCE	CITY OF CHANDLER
CABLE TV	CITY OF CHANDLER



ENCASEMENT DETAIL

M.A.G. STD. DET. 404

PHASE 1M

APPROVED FOR COMPLIANCE WITH CITY CODE:

BY _____ DATE _____
CITY ENGINEER
BY _____ DATE _____
CIVIL ENGINEER

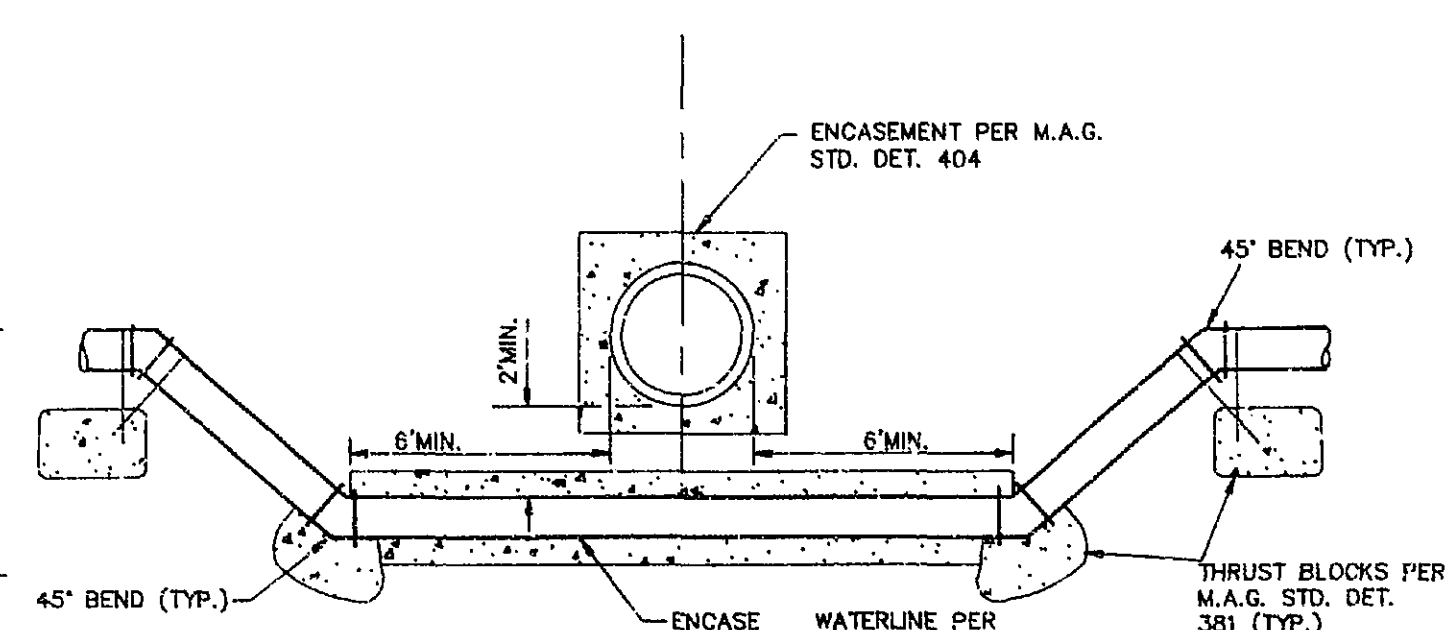
BY _____ DATE 12/4/92
MARICOPA COUNTY HEALTH DEPARTMENT

PHASES 1&2 APPROVED FOR COMPLIANCE WITH CITY CODE:

BY _____ DATE 1/26/92
CITY ENGINEER
BY _____ DATE 1/26/92
CIVIL ENGINEER

PHASE 3 APPROVED FOR COMPLIANCE WITH CITY CODE:

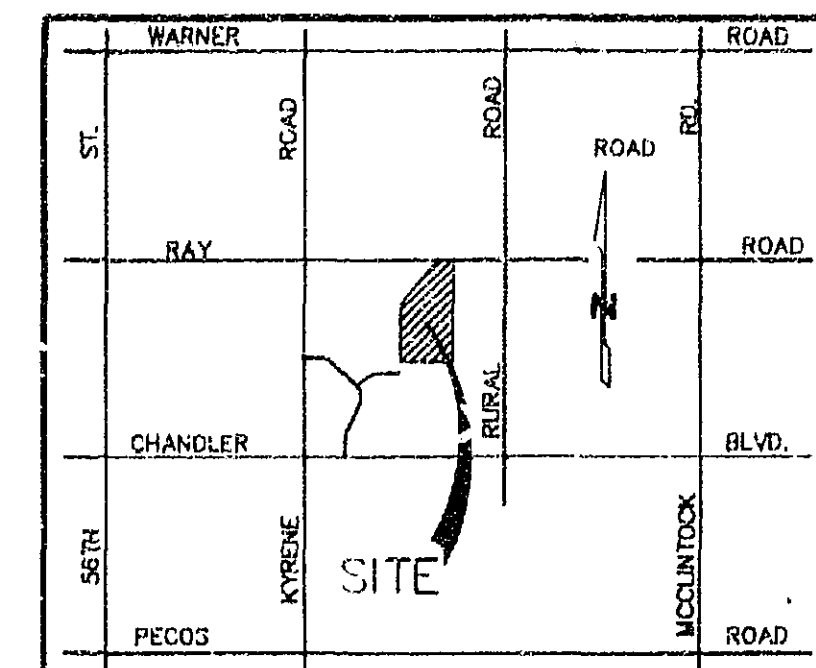
BY _____ DATE 6/24/92
CITY ENGINEER
BY _____ DATE 6/24/92
CIVIL ENGINEER



WATERLINE DIP DETAIL

CHANGED SHANNON COURT TO PHASE 1M

263-1100
Blue Stake Center
CALL COLLECT



VICINITY MAP

ENGINEER

WOOD, PATEL & ASSOCIATES, INC.
4105 N. 20TH STREET
SUITE 130
PHOENIX, ARIZONA 85016
(602) 957-3149

DEVELOPER

PULTE HOME CORPORATION
1430 W. BROADWAY RD.
SUITE A-200
TEMPE, ARIZONA 85282
(602) 968-9100

BENCHMARK

SEC. 26 T.1S., R.4E. CITY OF CHANDLER
BRASS CAP FLUSH AT THE INTERSECTION OF
JENTILLY LANE AND JOSHUA BOULEVARD.
ELEVATION = 1171.56 (CITY OF CHANDLER DATUM)
C.M.C.N. #4

PHASING NOTE

PHASE 1M IS THE MODEL PHASE

ESTIMATED QUANTITIES

DESCRIPTION	PHASE 1M	PHASE 1	PHASE 2	PHASE 3
6" A.C.F. WATER PIPE	170 L.F.	130 L.F.	1380 L.F.	2114 L.F.
8" A.C.P.	1129 L.F.	2641 L.F.	464 L.F.	2982 L.F.
6" V.B.&C.	2 EA.	— EA.	2 EA.	5 EA.
8" V.B.&C.	3 EA.	— EA.	2 EA.	9 EA.
FIRE HYDRANT (COMP.)	4 EA.	5 EA.	2 EA.	11 EA.
6" X 2" TAPPED CAP	2 EA.	1 EA.	— EA.	— EA.
8" X 2" TAPPED CAP	2 EA.	2 EA.	1 EA.	1 EA.
3/4" WATER SERVICE	23 EA.	53 EA.	29 EA.	91 EA.
WATER LINE DIP	2 L.F.	1 L.F.	3 L.F.	6 L.F.
CONC. WATER ENCASEMENT	96 L.F.	228 L.F.	180 L.F.	372 L.F.
REMOVE EXIST. 8" CAP & CONNECT NEW 8" A.C.P.	1 EA.	— EA.	1 EA.	— EA.
REMOVE EXIST. 6" CAP & CONNECT NEW 6" A.C.P.	— EA.	— EA.	— EA.	— EA.
6" M.J.D.I.P.	1 L.F.	— L.F.	— L.F.	— L.F.
8" M.J.D.I.P.	— L.F.	2 L.F.	— L.F.	2 L.F.
12" A.C.P. WATER PIPE	— L.F.	— L.F.	— L.F.	1444 L.F.
12" V.B.&C.	— EA.	— EA.	— EA.	2 EA.
12" X 2" TAPPED CAP	— EA.	— EA.	— EA.	1 EA.
REMOVE EXIST. 12" CAP & CONNECT NEW 10" A.C.P.	— EA.	— EA.	— EA.	1 EA.

PINE VIEW WATER PLANS

WOOD/PATEL
ASSOCIATES
Civil Engineers
Hydrologists
Land Surveyors

SCALE	SHEET
DATE	1 OF 6
SEPT., 1991	JOB NO.
DESIGN P.F.S.	91731
DRAWN L.C.	CHECK
	FILE

WATER AS-BUILTS SHTS. 1-6 9-10-92 1-2249