

**IRRIGATION NOTES:**

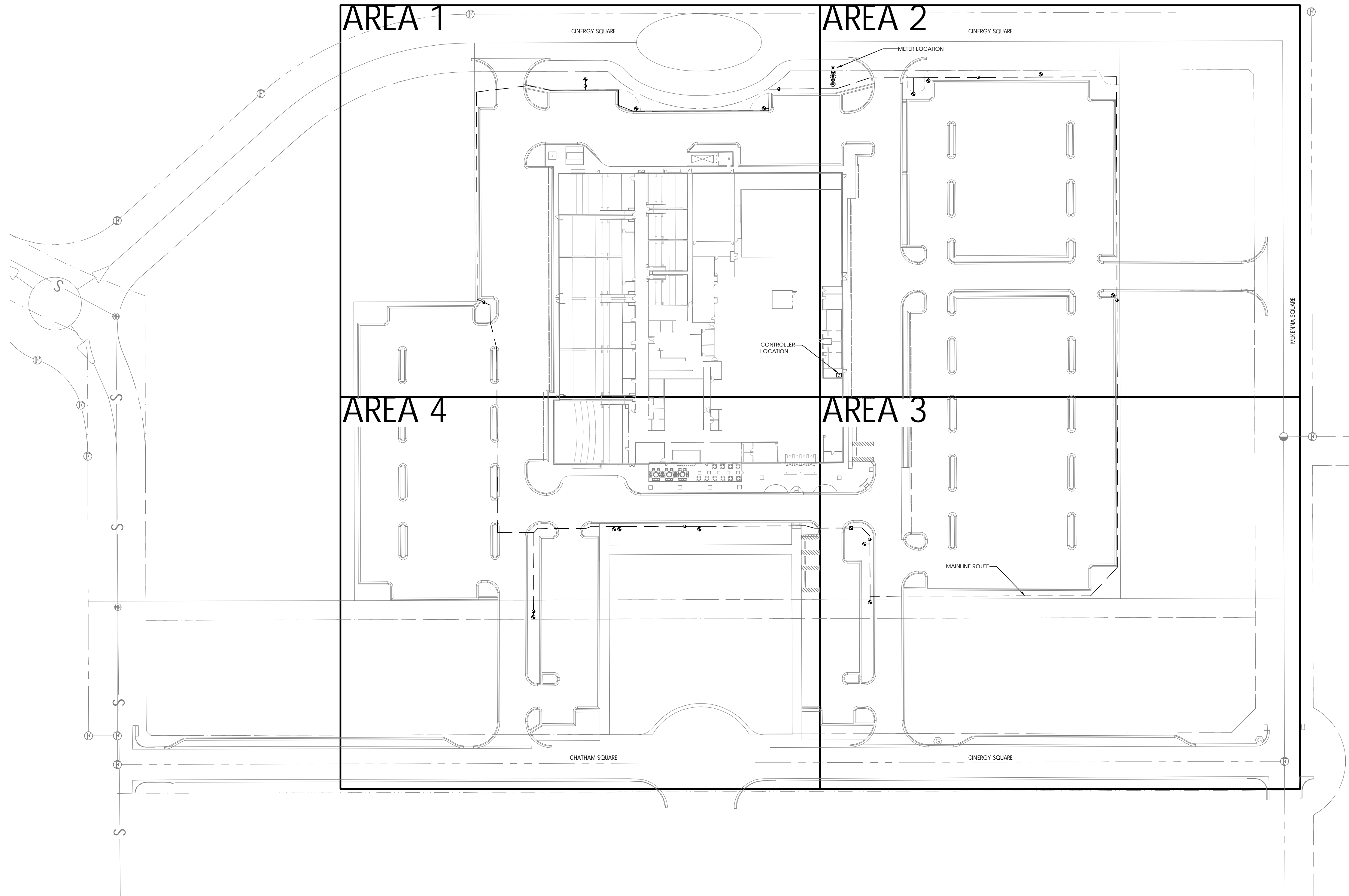
1. IRRIGATION PLAN IS SCHEMATIC. ALL PIPING HEADS, VALVES, ETC. SHALL BE LOCATED AS SHOWN ON THE DETAILS. REPORT ANY DISCREPANCIES BETWEEN ACTUAL AND PROPOSED SITE CONDITIONS TO THE OWNER. DO NOT PROCEED WITH WORK UNTIL SAID DISCREPANCIES ARE RESOLVED.
2. VERIFY THAT THE WORK OF OTHER CONTRACTORS/TRADES IS SUFFICIENTLY COMPLETE TO ALLOW COMMENCEMENT OF IRRIGATION INSTALLATION PRIOR TO BEGINNING OF WORK. CONTRACTORS SHALL COORDINATE INSTALLATION OF ALL IRRIGATION SLEEVES UNDER PAVEMENT WITH OTHER CONTRACTORS.
3. COORDINATE IRRIGATION INSTALLATION WITH THE WORK OF OTHER CONTRACTORS/TRADES AND PROTECT THE WORK OF OTHER CONTRACTOR/TRADES. IRRIGATION CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGES RESULTING FROM HIS ACTIONS.
4. THE IRRIGATION CONTRACTOR SHALL PROVIDE THE OWNER WITH TWO COPIES OF THE PARTS LIST AND MANUFACTURER'S CATALOG SHOWING PERFORMANCE, QUALITY AND FUNCTION OF EACH ITEM OF EQUIPMENT IN THE SYSTEM. IN ADDITION, THE IRRIGATION CONTRACTOR SHALL PROVIDE THE OWNER WRITTEN INSTRUCTIONS FOR OPERATION AND MAINTENANCE OF THE SYSTEM.
5. PRIOR TO THE ACCEPTANCE OF IRRIGATION SYSTEM BY OWNER, A PERSON QUALIFIED TO REPRESENT THE IRRIGATION CONTRACTOR SHALL BE PRESENT AT THE FINAL INSPECTION TO DEMONSTRATE THE SYSTEM AND PROVE ITS PERFORMANCE PRIOR TO THE INSPECTION. ALL WORK SHALL HAVE BEEN COMPLETED, TESTED, ADJUSTED, AND PLACED IN OPERATION.
6. WORK MUST BE GUARANTEED FOR ONE YEAR.
7. IRRIGATION SYSTEM INSTALLATION TO BE PERFORMED IN ACCORDANCE WITH ALL PERTINENT CODES AND ORDINANCES.
8. NO PVC PIPING SHALL BE LOCATED UNDER TREE ROOTBALLS.
9. THE CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION. IF ANY UNDERGROUND OR ABOVE GROUND CONSTRUCTION IS LOCATED AS TO SIGNIFICANTLY HINDER INSTALLATION OR FUNCTION OF THE IRRIGATION SYSTEM, THE OWNER SHALL BE NOTIFIED IMMEDIATELY.
10. MAIN LINE PIPING AND LATERAL PIPING MAY BE PLACED IN SAME TRENCH WHEN POSSIBLE. MAIN LINE PIPING SHALL BE INSTALLED IN BOTTOM OF TRENCH WITH LATERALS ON TOP.
11. SLEEVES SHALL BE INSTALLED WHEREVER PIPES RUN UNDER PAVEMENT. SLEEVES SHALL BE SCH 40 AND A MINIMUM OF TWO PIPE SIZES LARGER THAN THE PIPE.
12. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ELECTRICAL POWER TO ALL CONTROLLERS.
13. PRIOR TO BEGINNING OF WORK, CONTRACTOR SHALL VERIFY MINIMUM STATIC PRESSURE AT THE POINT OF CONNECTION OF <<PSI>> PSI. IF THE STATIC PRESSURE IS LESS THAN <<PSI>> PSI AT THE POINT OF CONNECTION, STOP WORK, NOTIFY ENGINEER AND DO NOT PROCEED UNTIL INSTRUCTED BY ENGINEER. IN INSTANCES OF HIGH PRESSURE, THE MASTER VALVE SHOULD BE ADJUSTED ACCORDINGLY. IF TESTED PRESSURE EXCEEDS DESIGNATED PRESSURE BY GREATER THAN 10%, A PRESSURE REDUCING VALVE MAY BE REQUIRED. CONTACT IRRIGATOR AND OWNER IMMEDIATELY.
14. ATTACH A PREPRINTED, HEAVY DUTY PLASTIC SERIALIZED TAG TO EACH CONTROL VALVE WITH ITS ASSOCIATED CONTROLLER STATION NUMBER. TAGS SHOULD BE AS SUPPLIED BY RAINBIRD OR APPROVED EQUAL.
15. THE PIPE SHOWN IN PAVED AREAS WITHOUT SLEEVES IS SHOWN IN THESE AREAS FOR PURPOSE OF DRAWING CLARITY. PIPE TO BE IN NEAREST UNPAVED LOCATION.
16. THE IRRIGATION CONTROLLER(S) SHALL BE EQUIPPED WITH RAIN/FREEZE SENSOR(S). MOUNT THE TRANSMITTER(S) IN AN OPEN AREA AS DIRECTED BY THE OWNER.
17. ALL BACKFLOW INSTALLATIONS AND CONNECTIONS TO CITY WATER LINES MUST BE PERMITTED SEPARATELY BY THE CITY INSPECTION STAFF.
18. ALL WRING SHALL BE UF RATED FOR DIRECT BURIAL. MINIMUM WIRE SIZE SHALL BE 14 GA.

**DRIPLINE NOTES:**

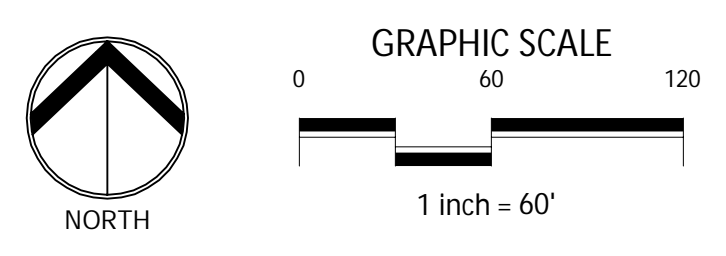
1. AIR RELIEF VALVE TO BE PLACED AT HIGH POINT IN BED.
2. FLUSH VALVE TO BE PLACED AT LOW POINT IN BED ON EXHAUST LINE.
3. THESE LAYOUTS ARE TYPICAL AND ARE SUBJECT TO CHANGE DUE TO SITE CONDITIONS SUCH AS GRADING.
4. IRRIGATION LATERAL LINES FEED SUPPLY HEADERS.

**INSPECTION NOTES:**

1. HEADS SHALL NOT SPRAY ON IMPERVIOUS SURFACES.
2. HEADS SHALL NOT SPRAY ON WALLS OR FENCES.
3. HEADS SHALL NOT BE CLOSER THAN 4 INCHES OF THE EDGE OF HARDSCAPE.
4. NO DRINKING DOMESTIC USES ALLOWED ON IRRIGATION LINES, NO SWIMMING POOL USE OR FOUNTAINS.
5. CONTRACTOR SHALL COMPLY WITH ALL INSPECTION REQUIREMENTS OF THE MUNICIPALITY.
6. FOR FINAL INSPECTION, IRRIGATOR'S REPRESENTATIVE MUST BE PRESENT.



**NOTE:**  
SEE SHEET IR2.00-IR2.01 FOR IRRIGATION NOTES AND DETAILS



NO.	DATE	DESCRIPTION
1	5/18/2017	FOR BIDDING

**OVERALL IRRIGATION PLAN**

**CINERGY CINEMAS**  
AMARILLO, TEXAS

**DUNAWAY**  
4000 N. Big Spring Street • Suite 107 • Midland, Texas 79705  
Tel: 432.697.4889  
Fax: 432.697.4114

**OVERALL IRRIGATION PLAN**

**CINERGY CINEMAS**  
AMARILLO, TEXAS

Janel Mosby  
 05/11/2017

JOB NO.	B003373.001
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	TEH
DATE:	MAY 19, 2017
SHEET:	IR1.00