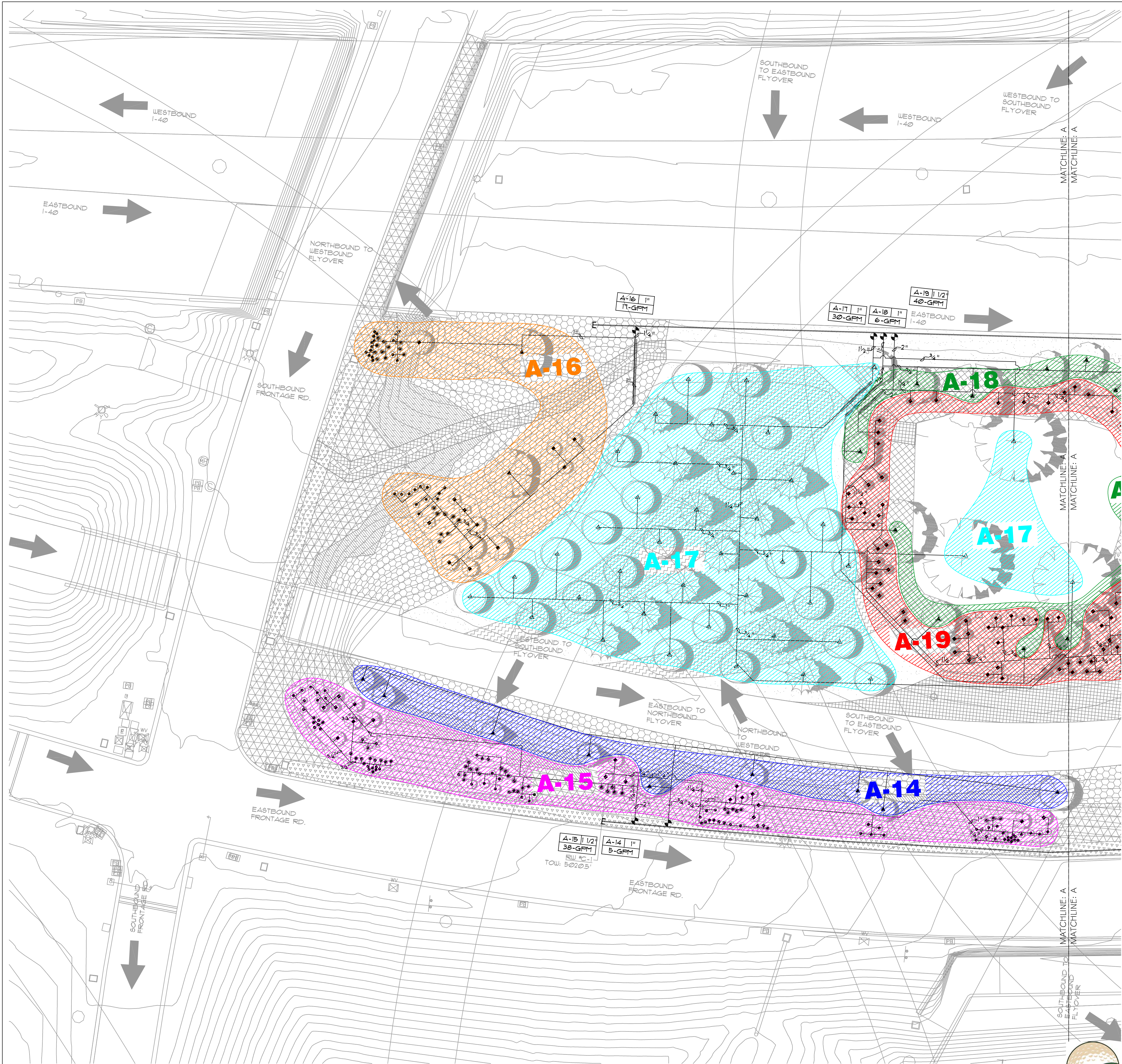




IRRIGATION LEGEND

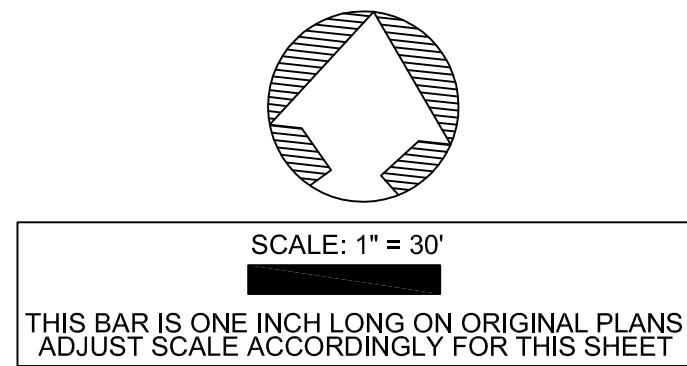
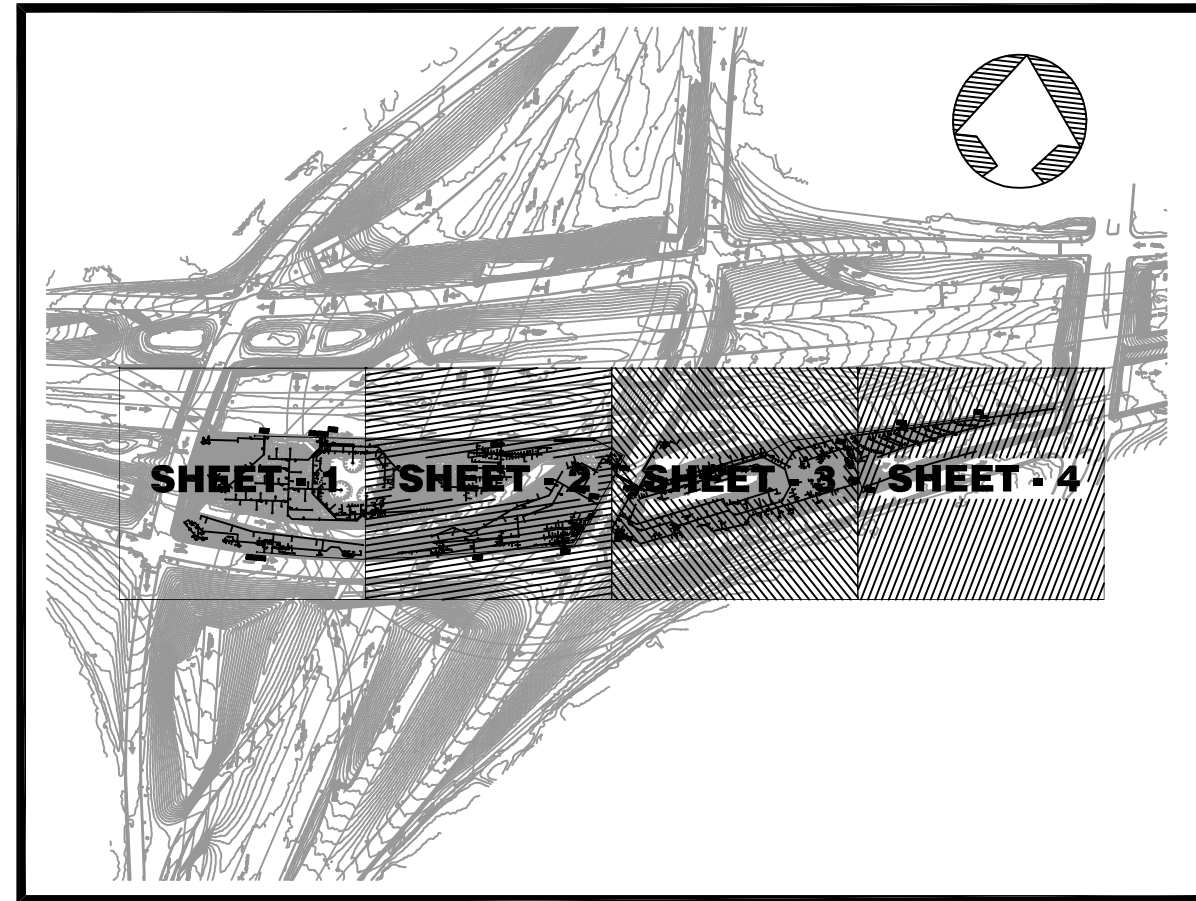
- WM WATER METER, SIZE AS SHOWN ON PLAN. LOCATION IS SCHEMATIC, CONTRACTOR SHALL VERIFY LOCATION. INSTALL PER COA DRAWING 2363 AND 2367.
- MAIN LINE AND LATERAL SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC, SEE NOTE NO. 2 BELOW.
- 24-VOLT IRRIGATION WIRE SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC, SEE NOTE NO. 2 BELOW.
- IRRIGATION MAIN LINE, SCHEDULE 40, BELL-END SOLVENT WELD PVC, SIZE AS SHOWN ON PLAN, DEPTH OF BURY, 18". LATERAL PIPE CONVEYING LESS THAN 5 GPM SHALL BE 3/4".
- 1" CRISPIN AIR RELIEF VALVE, MODEL # AL10. INSTALL PER C.O.A. DRAWING 2105 (SIMILAR - CONSTRUCTION NOTE 3 SHALL BE REVISED TO READ: CARSON INDUSTRIES 1130 VALVE BOX WITH BOLT DOWN COVER). NOTE: AIR RELIEF VALVES ARE SHOWN SCHEMATICALLY ON THE PLAN AT HIGH POINTS IN ELEVATION. CONTRACTOR SHALL SURVEY FINAL LOCATIONS OF ALL AIR RELIEF VALVES PRIOR TO INSTALLATION TO ENSURE THAT THEY ARE AT ACTUAL HIGH POINTS. CONTRACTOR SHALL SECURE AIR RELIEF VALVE WITH THREE #3 RE-BARS EMBEDDED 18" DEEP TRIANGULATED AROUND VALVE.
- 2" PRESSURE REGULATOR - WATTS SERIES U5 - IN A CARSON INDUSTRIES 1130 VALVE BOX WITH BOLT DOWN COVER.
- MANUAL ISOLATION VALVE, SPEARS TRUE UNION SCH. 80 PVC BALL VALVE, SIZE: SAME AS MAINLINE. INSTALL PER C.O.A. DRAWING # 2106.
- SPEARS TRUE UNION UTILITY SPRING CHECK VALVE IN CARSON INDUSTRIES 910-10 VALVE BOX WITH 910-3 FLUSH COVER (SAME SIZE AS LINE SIZE).
- BACKFLOW PREVENTER, MASTER VALVE, AND FLOW METER ASSEMBLY, FEBCO 825Y-A, 2" REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER WITH RAIN BIRD 200 FEB PLASTIC BODY 24-VOLT MASTER VALVE IN HOT ROCK MODEL 16H2 HEATED AND INSULATED BACKFLOW ENCLOSURE. FLOW METER SHALL BE A MASTER METER, SIZE 2" IN VALVE BOX. INSTALL PER DETAIL A/33. CONNECT MASTER VALVE AND FLOW METER TO CONTROLLER A.
- REMOTE CONTROL VALVE ASSEMBLY, RAINBIRD FEB SERIES, PLASTIC BODY 24-VOLT AUTOMATIC VALVE, SIZE AS SHOWN ON PLAN. INSTALL PER C.O.A. DRAWING # 2103.
- SOLVENT WELD CAP, SCH. 40 PVC, LINE SIZE.
- PRESSURE COMPENSATING BUBBLER ASSEMBLIES, HUNTER PCB SERIES AS FOLLOWS:

MODEL*	TOTAL GPM	PSI	INSTALL PER:
1 * PCB-25/ EACH SHRUB	25 (10/25 GPM BUB.)	30	DETAIL B/33
2 * PCB-25/ EACH LARGE SHRUB	5 (20/25 GPM BUB.)	30	DETAILS B/33 & H/33
2 * PCB-25/ EACH TREE ON SLOPES 4:1 AND GREATER	5 (20/25 GPM BUB.)	30	DETAILS B/33 & I/33
3 * PCB-25/ EACH TREE ON SLOPES LESS THAN 4:1	.75 (30/25 GPM BUB.)	30	DETAILS B/33 & E/33
- IRRIGATION CONTROLLER, SCORPIO IS-93A-RW-SS, TWENTY-FOUR STATION PEDESTAL MOUNT CONTROLLER. INSTALL IN AN INTERSPEC BOX (COLOR: TAN) PER DETAIL D/33. INSTALL GROUNDING RODS AT CONTROLLER PER DETAIL F/33. CONTRACTOR SHALL TEST GROUNDING OF CONTROLLER PER MANUFACTURER'S SPECIFICATIONS AND SHALL PROVIDE TEST RESULTS IN WRITING TO THE OWNER.

IRRIGATION NOTES

- CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO CONSTRUCT PROPOSED IRRIGATION SYSTEM IN ACCORDANCE WITH PLANS, WRITTEN SPECIFICATIONS AND DETAILS.
- THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF SLEEVE PIPING WITH ALL TRADES TO INSURE THAT SLEEVES ARE INSTALLED PROPERLY PRIOR TO INSTALLATION OF CURB AND GUTTER, ASPHALT PAVING, SIDEWALKS, CONCRETE PADS, ETC.
- THIS SYSTEM WAS DESIGNED AT A MINIMUM STATIC PRESSURE OF 100 PSI AT THE POINT OF CONNECTION. CONTRACTOR SHALL VERIFY ACTUAL PSI AND DELIVER RESULTS TO LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. IN THE EVENT THE ACTUAL PSI IS LESS THAN 100 PSI THE CONTRACTOR SHALL RECEIVE DIRECTION FROM LANDSCAPE ARCHITECT REGARDING DESIGN MODIFICATIONS IF NECESSARY.
- ALL VALVE BOXES SHALL BE TAN WITH TAN BOLT-DOWN LIDS.
- CONTRACTOR IS REQUIRED TO APPLY FOR TAPPING PERMITS FROM THE CITY OF ALBUQUERQUE FOR EACH WATER LINE TAP SHOWN ON THE PLANS. CONTACT ANTHONY MONTOYA AT (505) 24-3987.
- IRRIGATION MAIN AND LATERAL LINES ARE SHOWN DIAGRAMMATICALLY. ALL LINES SHALL BE INSTALLED A MINIMUM OF 10' FROM ANY EXISTING MSE WALL UNLESS OTHERWISE NOTED.

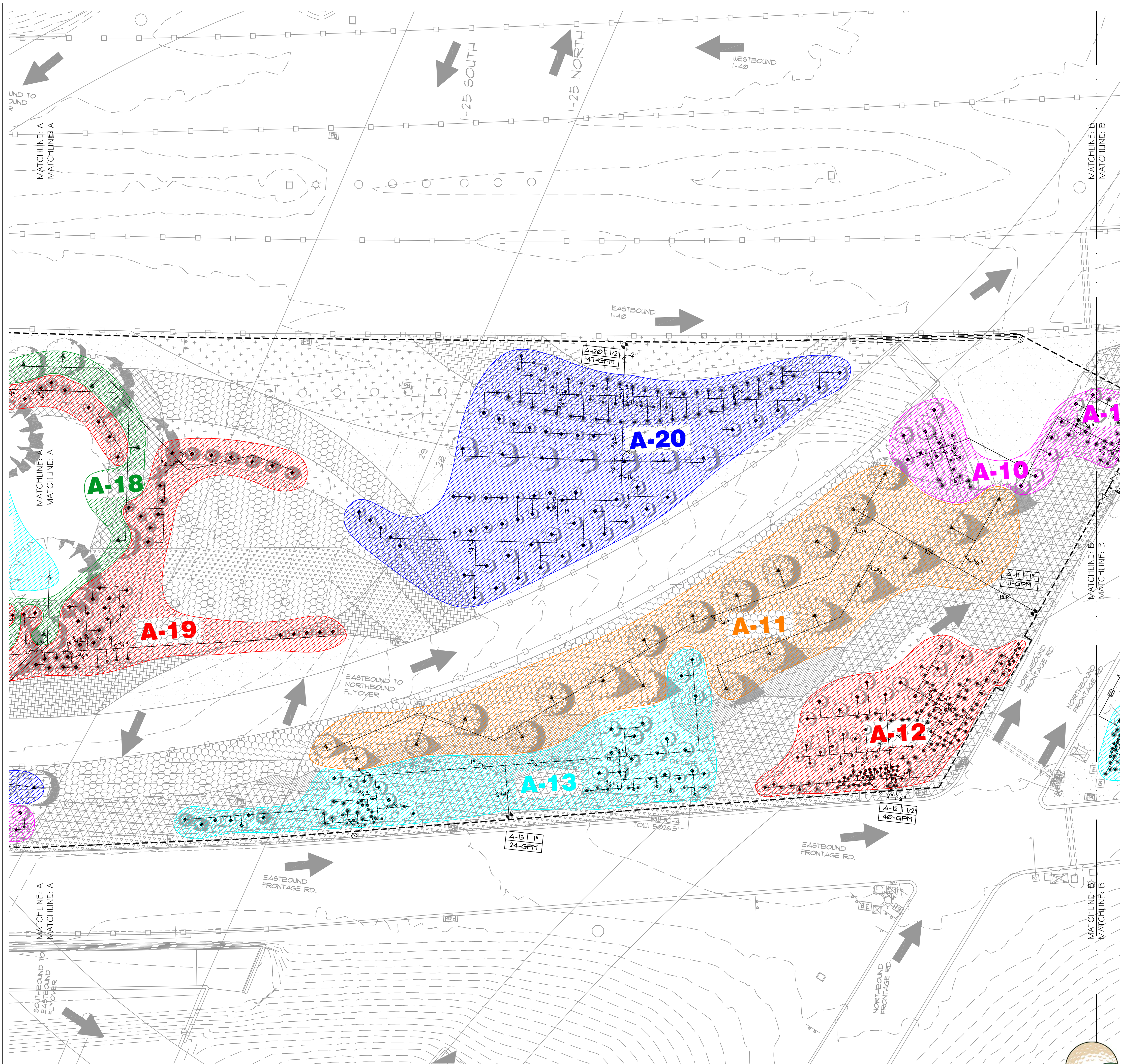
MAP KEY



Mountain West GolfScapes, Inc.

CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT CAPITAL IMPLEMENTATION PROGRAM			
TITLE: BIG-I LANDSCAPE IMPROVEMENTS SEGMENT C IRRIGATION SYSTEM AS-BUILT RECORDS 09/23/08			
Design Review Committee	City Engineer Approval	Last Design Update	
City Project No. 7794.93	Zone Map No. H15	Sheet 1	Of 4

AS BUILT INFORMATION				BENCHMARK		SURVEY INFORMATION		SEAL	
CONTRACTOR: MOUNTAIN WEST GOLFSCAPES, INC.						FIELD NOTES			
WORK STAKED BY: IS / MWGS						BY DATE			
INSPECTOR'S APPROVAL: LM									
FIELD VERIFICATION BY: CT									
DRAWING CORRECTED BY: IRRIGATION SERVICES 09/08									
MICRO-FILM INFORMATION									
RECORDED BY									
NO.									



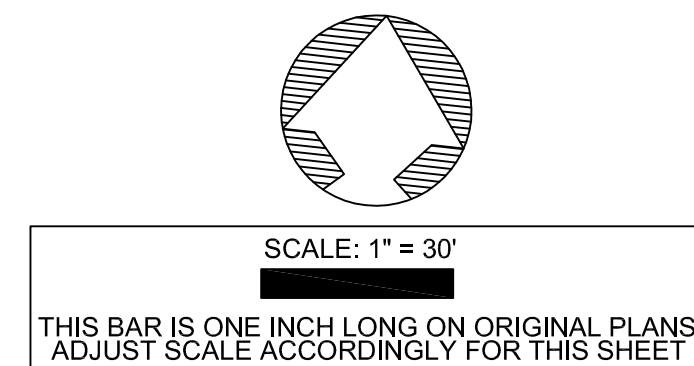
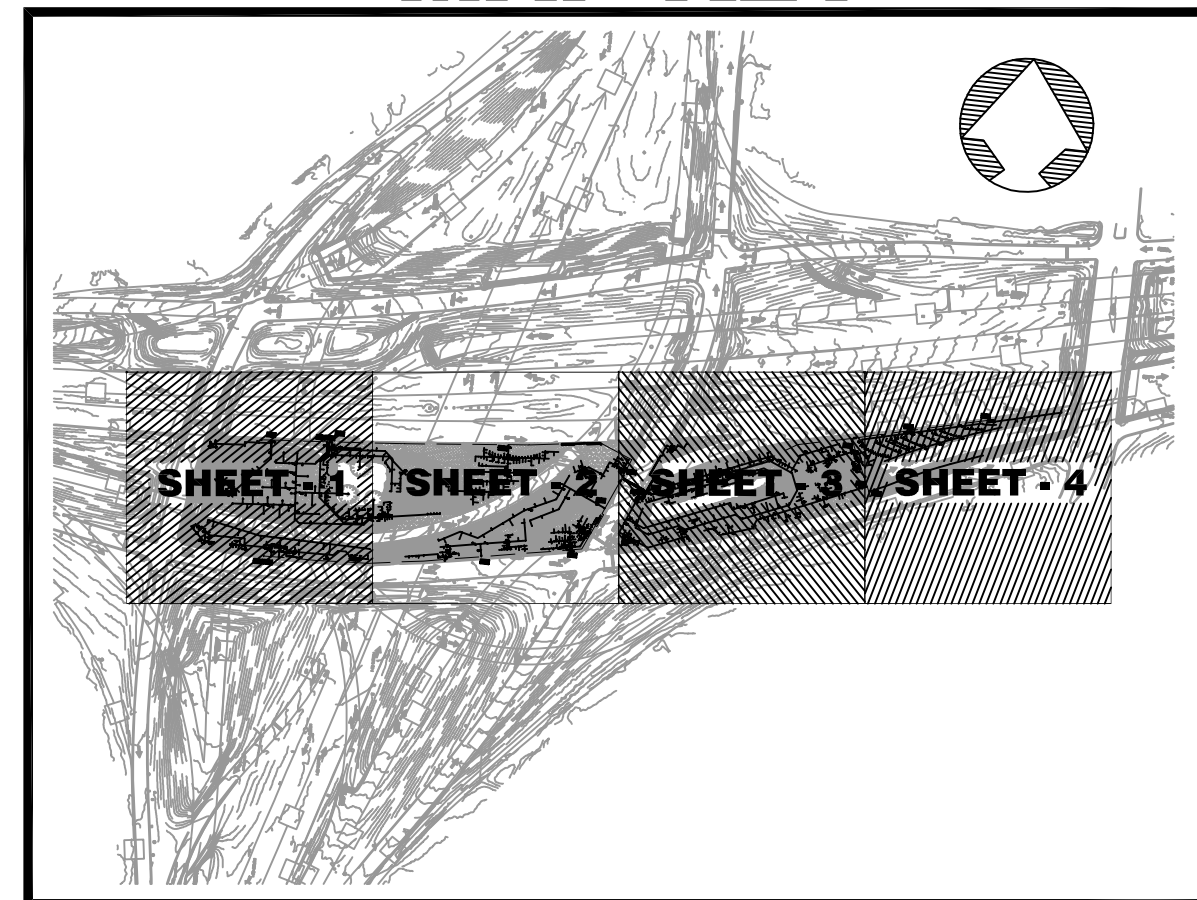
IRRIGATION LEGEND

- WM WATER METER, SIZE AS SHOWN ON PLAN. LOCATION IS SCHEMATIC, CONTRACTOR SHALL VERIFY LOCATION. INSTALL PER C.O.A. DRAWING 2365 AND 2367.
- == MAIN LINE AND LATERAL SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC, SEE NOTE NO. 2 BELOW.
- ===== 24-VOLT IRRIGATION WIRE SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC, SEE NOTE NO. 2 BELOW.
- IRRIGATION MAIN LINE, SCHEDULE 40, BELL-END SOLVENT WELD PVC, SIZE 2", UNLESS OTHERWISE NOTED ON PLAN, DEPTH OF BURY 18".
- LATERAL PIPING, SCH. 40, BELL-END, SOLVENT WELD PVC, SIZE AS SHOWN ON PLAN, DEPTH OF BURY, 18". LATERAL PIPE CONVEYING LESS THAN 5 GPM SHALL BE 3/4".
- ⊙ 1" CRISPIN AIR RELIEF VALVE, MODEL # AL10. INSTALL PER C.O.A. DRAWING 2105 (SIMILAR - CONSTRUCTION NOTE B SHALL BE REVISED TO READ: CARSON INDUSTRIES 1130 VALVE BOX WITH BOLT DOWN COVER). NOTE: AIR RELIEF VALVES ARE SHOWN SCHEMATICALLY ON THE PLAN AT HIGH POINTS IN ELEVATION. CONTRACTOR SHALL SURVEY FINAL LOCATIONS OF ALL AIR RELIEF VALVES PRIOR TO INSTALLATION TO ENSURE THAT THEY ARE AT ACTUAL HIGH POINTS. CONTRACTOR SHALL SECURE AIR RELIEF VALVE WITH THREE #3 RE-BARS EMBEDDED 18" DEEP TRIANGULATED AROUND VALVE.
- ⊗ 2" PRESSURE REGULATOR - WATTS SERIES U5 - IN A CARSON INDUSTRIES 1130 VALVE BOX WITH BOLT DOWN COVER.
- ⊗ MANUAL ISOLATION VALVE, SPEARS TRUE UNION SCH. 80 PVC BALL VALVE, SIZE: SAME AS MAINLINE. INSTALL PER C.O.A. DRAWING # 2106.
- ⊗ SPEARS TRUE UNION UTILITY SPRING CHECK VALVE IN CARSON INDUSTRIES 910-10 VALVE BOX WITH 910-3 FLUSH COVER (SAME SIZE AS LINE SIZE).
- ⊗ BACKFLOW PREVENTER, MASTER VALVE, AND FLOW METER ASSEMBLY, FEBCO 825Y/A, 2" REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER WITH RAIN BIRD 200 FEB PLASTIC BODY 24-VOLT MASTER VALVE IN HOT ROCK MODEL 16HR2 HEATED AND INSULATED BACKFLOW ENCLOSURE. FLOW METER SHALL BE A MASTER METER, SIZE 2" IN VALVE BOX. INSTALL PER DETAIL A/33. CONNECT MASTER VALVE AND FLOW METER TO CONTROLLER A.
- ⊗ REMOTE CONTROL VALVE ASSEMBLY, RAINBIRD FEB SERIES, PLASTIC BODY 24-VOLT AUTOMATIC VALVE, SIZE AS SHOWN ON PLAN. INSTALL PER C.O.A. DRAWING # 2103.
- SOLVENT WELD CAP, SCH. 40 PVC, LINE SIZE.
- PRESSURE COMPENSATING BUBBLER ASSEMBLIES, HUNTER PCB SERIES AS FOLLOWS:
- | MODEL* | TOTAL GPM | PSI | INSTALL PER: |
|---|----------------------|-----|---------------------|
| 1 * PCB-25/ EACH SHRUB | 25 (10/25 GPM BUB.) | 30 | DETAIL B/33 |
| 2 * PCB-25/ EACH LARGE SHRUB | 5 (20/25 GPM BUB.) | 30 | DETAILS B/33 & H/33 |
| 2 * PCB-25/ EACH TREE ON SLOPES 4:1 AND GREATER | 5 (20/25 GPM BUB.) | 30 | DETAILS B/33 & I/33 |
| 3 * PCB-25/ EACH TREE ON SLOPES LESS THAN 4:1 | .75 (30/25 GPM BUB.) | 30 | DETAILS B/33 & E/33 |
- A IRRIGATION CONTROLLER, SCORPIO IS-93A-RW-SS, TWENTY-FOUR STATION PEDESTAL MOUNT CONTROLLER. INSTALL IN AN INTERSPEC BOX (COLOR: TAN) PER DETAIL D/33. INSTALL GROUNDING RODS AT CONTROLLER PER DETAIL F/33. CONTRACTOR SHALL TEST GROUNDING OF CONTROLLER PER MANUFACTURER'S SPECIFICATIONS AND SHALL PROVIDE TEST RESULTS IN WRITING TO THE OWNER.

IRRIGATION NOTES

- CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO CONSTRUCT PROPOSED IRRIGATION SYSTEM IN ACCORDANCE WITH PLANS, WRITTEN SPECIFICATIONS AND DETAILS.
- THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF SLEEVE PIPING WITH ALL TRADES TO INSURE THAT SLEEVES ARE INSTALLED PROPERLY PRIOR TO INSTALLATION OF CURB AND GUTTER, ASPHALT PAVING, SIDEWALKS, CONCRETE PADS, ETC.
- THIS SYSTEM WAS DESIGNED AT A MINIMUM STATIC PRESSURE OF 100 PSI AT THE POINT OF CONNECTION. CONTRACTOR SHALL VERIFY ACTUAL PSI AND DELIVER RESULTS TO LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. IN THE EVENT THE ACTUAL PSI IS LESS THAN 100 PSI THE CONTRACTOR SHALL RECEIVE DIRECTION FROM LANDSCAPE ARCHITECT REGARDING DESIGN MODIFICATIONS IF NECESSARY.
- ALL VALVE BOXES SHALL BE TAN WITH TAN BOLT-DOWN LIDS.
- CONTRACTOR IS REQUIRED TO APPLY FOR TAPPING PERMITS FROM THE CITY OF ALBUQUERQUE FOR EACH WATER LINE TAP SHOWN ON THE PLANS. CONTACT ANTHONY MONTOYA AT (505) 224-3987.
- IRRIGATION MAIN AND LATERAL LINES ARE SHOWN DIAGRAMMATICALLY. ALL LINES SHALL BE INSTALLED A MINIMUM OF 10' FROM ANY EXISTING MSE WALL UNLESS OTHERWISE NOTED.

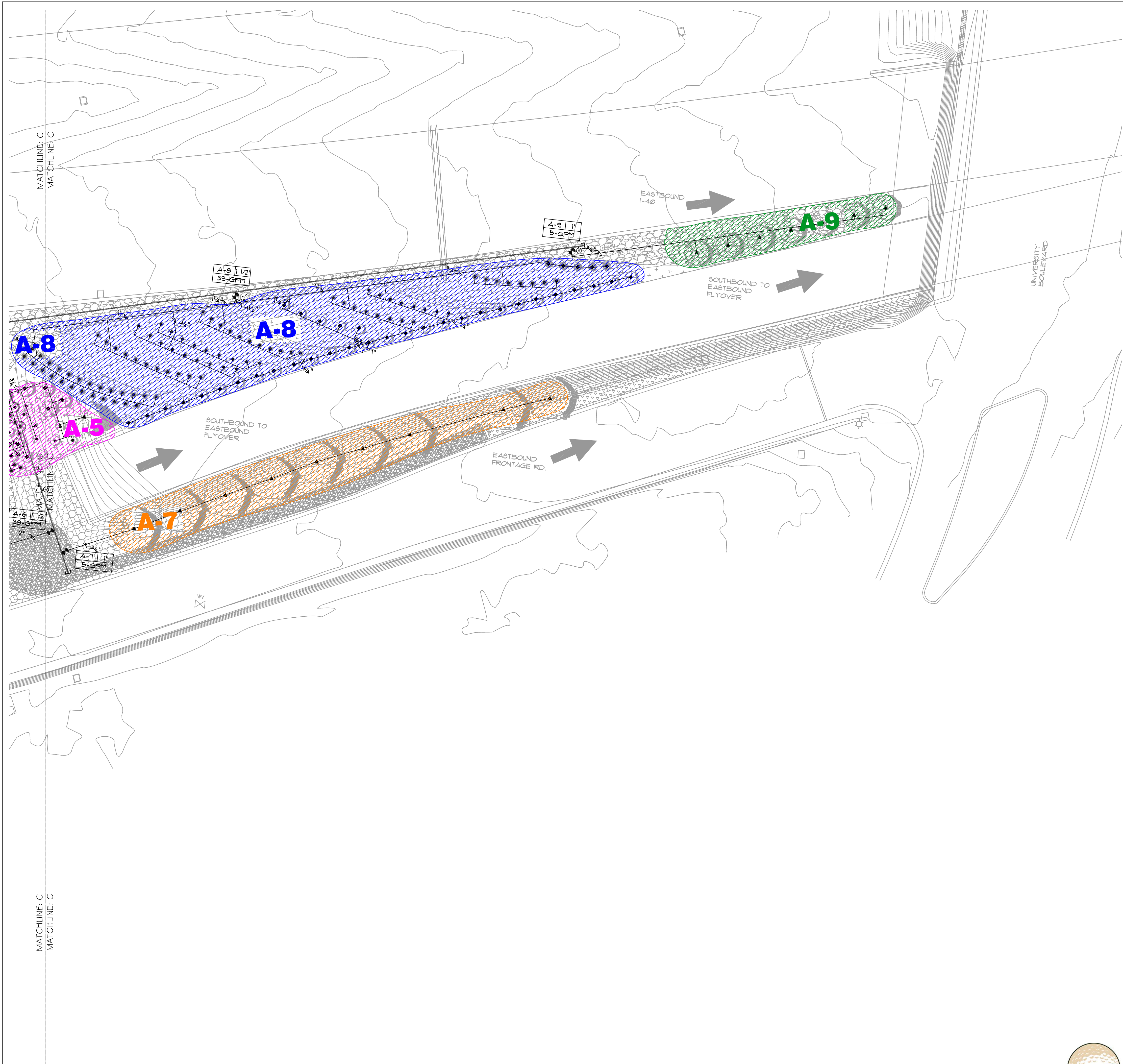
MAP KEY



Mountain West GolfScapes, Inc.

CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT CAPITAL IMPLEMENTATION PROGRAM			
TITLE: BIG-I LANDSCAPE IMPROVEMENTS SEGMENT C IRRIGATION SYSTEM AS-BUILT RECORDS			
Design Review Committee	City Engineer Approval	09/23/08	
City Project No. 7794.93		Zone Map No. H15	Sheet 2
Last Design Update		MO./DAY/YR. 00/00/00	Of 4

SURVEY INFORMATION		BENCHMARK		AS BUILT INFORMATION	
NO.	DATE	BY	DATE	CONTRACTOR:	MOUNTAIN WEST GOLFSCAPES, INC.
				WORK STAKED BY:	IS / MWS
				INSPECTOR'S APPROVAL:	LM
				FIELD VERIFICATION BY:	CT
				DRAWING CORRECTED BY:	IRRIGATION SERVICES 09/08
				MICRO-FILM INFORMATION	
				RECORDED BY:	NO.



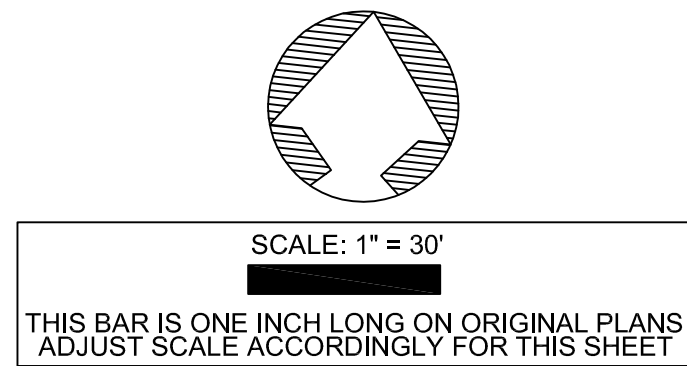
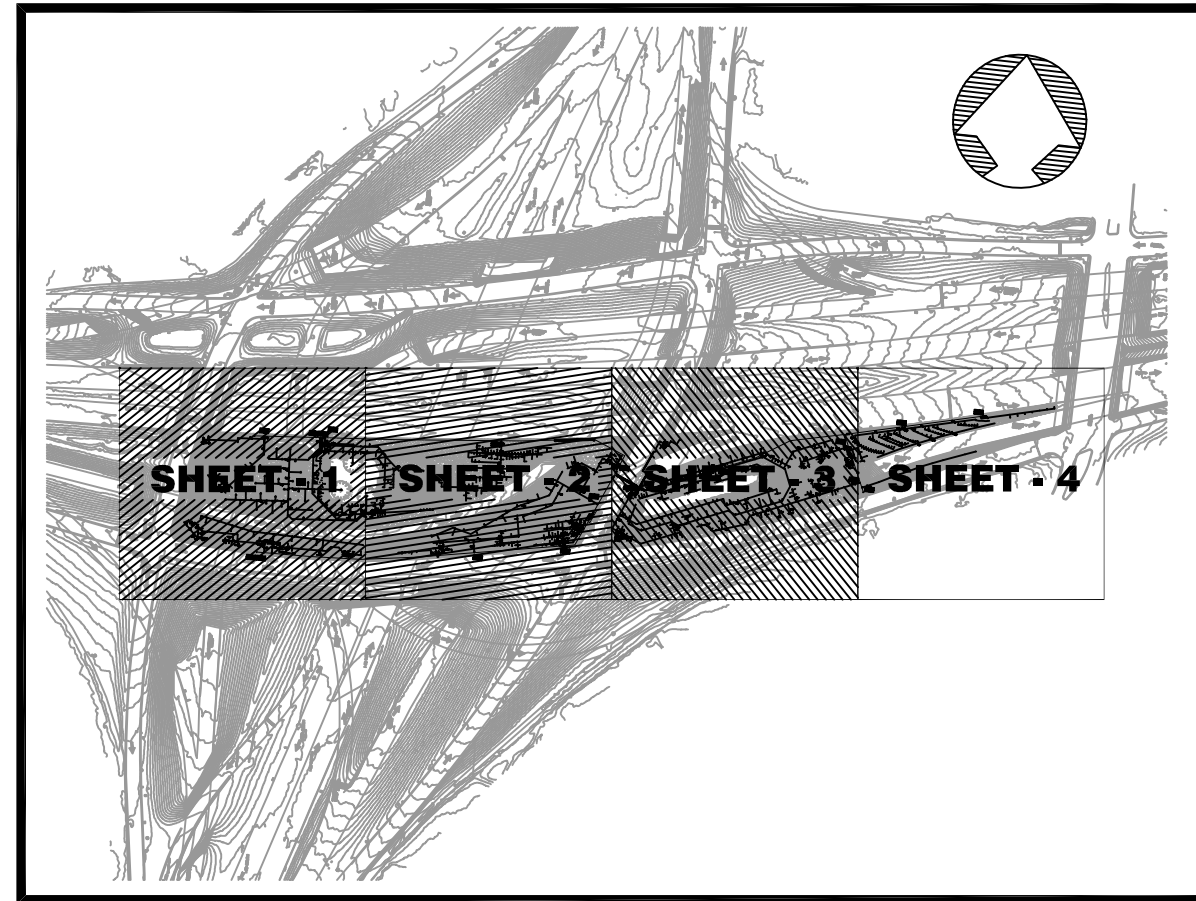
IRRIGATION LEGEND

- WM WATER METER, SIZE AS SHOWN ON PLAN. LOCATION IS SCHEMATIC, CONTRACTOR SHALL VERIFY LOCATION. INSTALL PER COA DRAWING 2365 AND 2367.
- MAIN LINE AND LATERAL SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC, SEE NOTE NO. 2 BELOW.
- 24-VOLT IRRIGATION WIRE SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC, SEE NOTE NO. 2 BELOW.
- IRRIGATION MAIN LINE, SCHEDULE 40, BELL-END SOLVENT WELD PVC, SIZE 2", UNLESS OTHERWISE NOTED ON PLAN, DEPTH OF BURY 18".
- LATERAL PIPING, SCH. 40, BELL END, SOLVENT WELD PVC, SIZE AS SHOWN ON PLAN, DEPTH OF BURY, 18". LATERAL PIPE CONVEYING LESS THAN 5 GPM SHALL BE 3/4".
- 1" CRISPIN AIR RELIEF VALVE, MODEL # AL10. INSTALL PER C.O.A. DRAWING 2105 (SIMILAR - CONSTRUCTION NOTE 3 SHALL BE REVISED TO READ: CARSON INDUSTRIES IT30 VALVE BOX WITH BOLT DOWN COVER). NOTE: AIR RELIEF VALVES ARE SHOWN SCHEMATICALLY ON THE PLAN AT HIGH POINTS IN ELEVATION. CONTRACTOR SHALL SURVEY FINAL LOCATIONS OF ALL AIR RELIEF VALVES PRIOR TO INSTALLATION TO ENSURE THAT THEY ARE AT ACTUAL HIGH POINTS. CONTRACTOR SHALL SECURE AIR RELIEF VALVE WITH THREE #3 RE-BARS EMBEDDED 18" DEEP TRIANGULATED AROUND VALVE.
- 2" PRESSURE REGULATOR - WATTS SERIES U5 - IN A CARSON INDUSTRIES IT30 VALVE BOX WITH BOLT DOWN COVER.
- MANUAL ISOLATION VALVE, SPEARS TRUE UNION SCH. 80 PVC BALL VALVE, SIZE: SAME AS MAINLINE. INSTALL PER C.O.A. DRAWING # 2106.
- SPEARS TRUE UNION UTILITY SPRING CHECK VALVE IN CARSON INDUSTRIES 910-10 VALVE BOX WITH 910-3 FLUSH COVER (SAME SIZE AS LINE SIZE).
- BACKFLOW PREVENTER, MASTER VALVE, AND FLOW METER ASSEMBLY, FEBCO 825Y-A, 2" REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER WITH RAIN BIRD 200 FEB PLASTIC BODY 24-VOLT MASTER VALVE IN HOT ROCK MODEL 16H2 HEATED AND INSULATED BACKFLOW ENCLOSURE. FLOW METER SHALL BE A MASTER METER, SIZE 2" IN VALVE BOX. INSTALL PER DETAIL A/33. CONNECT MASTER VALVE AND FLOW METER TO CONTROLLER A.
- REMOTE CONTROL VALVE ASSEMBLY, RAINBIRD FEB SERIES, PLASTIC BODY 24-VOLT AUTOMATIC VALVE, SIZE AS SHOWN ON PLAN. INSTALL PER C.O.A. DRAWING # 2103.
- SOLVENT WELD CAP, SCH. 40 PVC, LINE SIZE.
- PRESSURE COMPENSATING BUBBLER ASSEMBLIES, HUNTER PCB SERIES AS FOLLOWS:
MODEL* TOTAL GPM PSI INSTALL PER:
• 1 • PCB-25/ EACH SHRUB 25 (1#25 GPM BUB.) 30 DETAIL B/33
• 2 • PCB-25/ EACH LARGE SHRUB 5 (2#25 GPM BUB.) 30 DETAILS B/33 & H/33
• 2 • PCB-25/ EACH TREE ON SLOPES 4:1 AND GREATER 5 (2#25 GPM BUB.) 30 DETAILS B/33 & I/33
• 3 • PCB-25/ EACH TREE ON SLOPES LESS THAN 4:1 .75 (3#25 GPM BUB.) 30 DETAILS B/33 & E/33
- IRRIGATION CONTROLLER, SCORPIO IS-93A-RW-SS, TWENTY-FOUR STATION PEDESTAL MOUNT CONTROLLER. INSTALL IN AN INTERSPEC BOX (COLOR: TAN) PER DETAIL D/33. INSTALL GROUNDING RODS AT CONTROLLER PER DETAIL F/33. CONTRACTOR SHALL TEST GROUNDING OF CONTROLLER PER MANUFACTURER'S SPECIFICATIONS AND SHALL PROVIDE TEST RESULTS IN WRITING TO THE OWNER.

IRRIGATION NOTES

- CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO CONSTRUCT PROPOSED IRRIGATION SYSTEM IN ACCORDANCE WITH PLANS, WRITTEN SPECIFICATIONS AND DETAILS.
- THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF SLEEVE PIPING WITH ALL TRADES TO INSURE THAT SLEEVES ARE INSTALLED PROPERLY PRIOR TO INSTALLATION OF CURB AND GUTTER, ASPHALT PAVING, SIDEWALKS, CONCRETE PADS, ETC.
- THIS SYSTEM WAS DESIGNED AT A MINIMUM STATIC PRESSURE OF 100 PSI AT THE POINT OF CONNECTION. CONTRACTOR SHALL VERIFY ACTUAL PSI AND DELIVER RESULTS TO LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. IN THE EVENT THE ACTUAL PSI IS LESS THAN 100 PSI THE CONTRACTOR SHALL RECEIVE DIRECTION FROM LANDSCAPE ARCHITECT REGARDING DESIGN MODIFICATIONS IF NECESSARY.
- ALL VALVE BOXES SHALL BE TAN WITH TAN BOLT-DOWN LIDS.
- CONTRACTOR IS REQUIRED TO APPLY FOR TAPPING PERMITS FROM THE CITY OF ALBUQUERQUE FOR EACH WATER LINE TAP SHOWN ON THE PLANS. CONTACT ANTHONY MONTOYA AT (505) 924-3987.
- IRRIGATION MAIN AND LATERAL LINES ARE SHOWN DIAGRAMMATICALLY. ALL LINES SHALL BE INSTALLED A MINIMUM OF 10' FROM ANY EXISTING MSE WALL UNLESS OTHERWISE NOTED.

MAP KEY



CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT CAPITAL IMPLEMENTATION PROGRAM			
TITLE: BIG-I LANDSCAPE IMPROVEMENTS SEGMENT C IRRIGATION SYSTEM AS-BUILT RECORDS 09/23/08			
Design Review Committee	City Engineer Approval	MO./DAY/YR. 00/00/00	
Last Design Update		MO./DAY/YR.	
City Project No. 7794.93		Zone Map No. H15	Sheet 4
DESIGNED BY: MRWM DRAWN BY: WM CHECKED BY: GM		DATE: 02/08 DATE: 02/08 DATE: 02/08	

SURVEY INFORMATION		BENCHMARK		AS BUILT INFORMATION	
NO.	DATE	FIELD NOTES	BENCHMARK	CONTRACTOR: MOUNTAIN WEST GOLFSAPES, INC.	WORK STAKED BY: IS / MWS
				INSPECTOR'S APPROVAL: LM	FIELD VERIFICATION BY: CT
				DRAWING CORRECTED BY: IRRIGATION SERVICES	09/08
				MICRO-FILM INFORMATION	
				RECORDED BY	NO.