

WICHITA KELLOGG AND RIDGE ROAD INTERCHANGE

CONSTRUCTION DRAWINGS FOR
LANDSCAPE PLANTING AND IRRIGATION

PREPARED FOR:
THE CITY OF WICHITA
INDEX #700104

Site
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320 S. Holland, Suite 410
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DRAWING INDEX

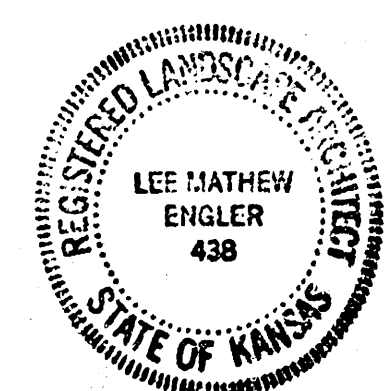
12-22-89

SHEET

PH
L1 - L5
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I1 - I5

SHEET TITLE

PHASED KEY PLAN
LANDSCAPE PLANTING PLANS
SITE IRRIGATION KEY PLAN
LANDSCAPE IRRIGATION PLANS



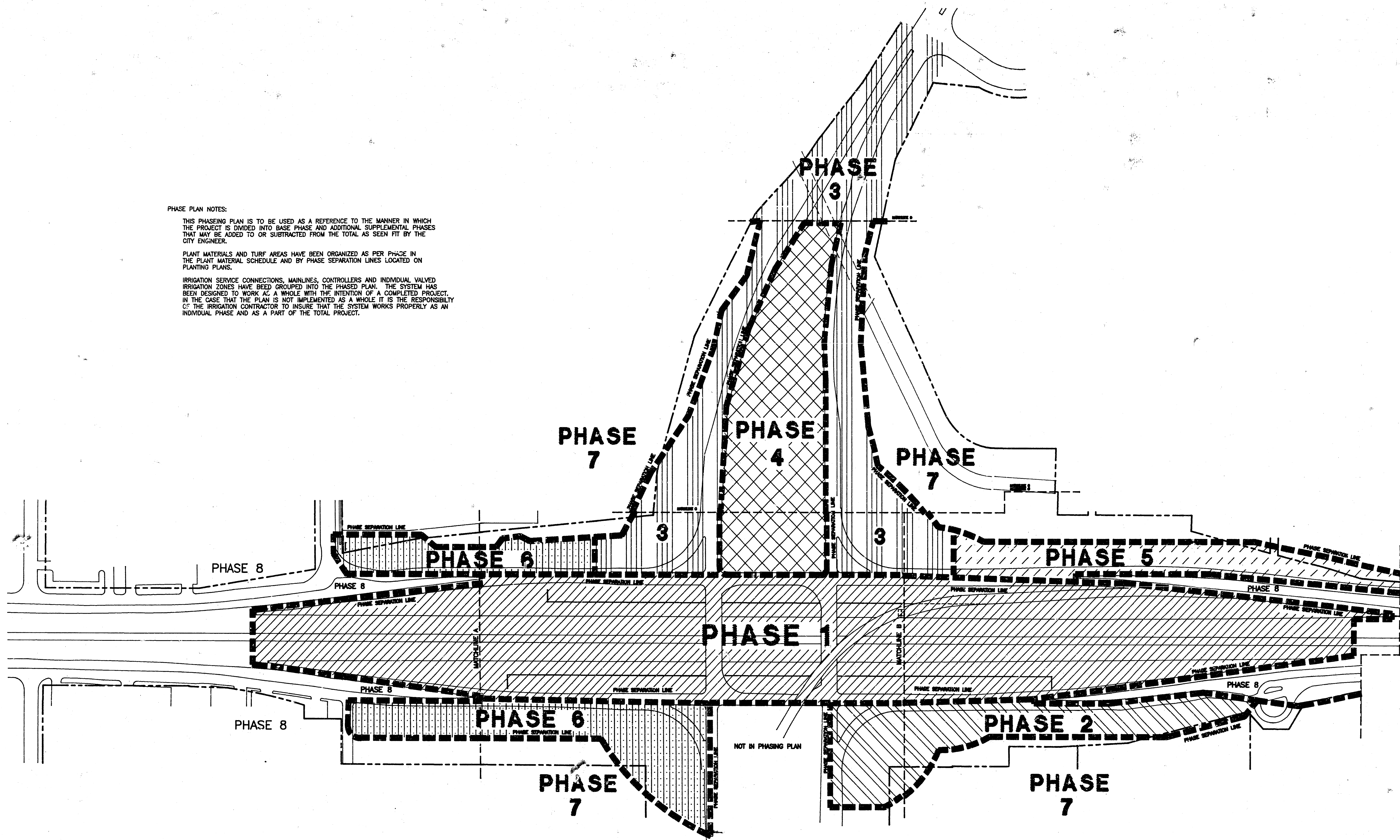
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PHASE PLAN NOTES:

THIS PHASING PLAN IS TO BE USED AS A REFERENCE TO THE MANNER IN WHICH THE PROJECT IS DIVIDED INTO BASE PHASE AND ADDITIONAL SUPPLEMENTAL PHASES THAT MAY BE ADDED TO OR SUBTRACTED FROM THE TOTAL AS SEEN FIT BY THE CITY ENGINEER.

PLANT MATERIALS AND TURF AREAS HAVE BEEN ORGANIZED AS PER PHASE IN THE PLANT MATERIAL SCHEDULE AND BY PHASE SEPARATION LINES LOCATED ON PLANTING PLANS.

IRRIGATION SERVICE CONNECTIONS, MAINLINES, CONTROLLERS AND INDIVIDUAL VALVED IRRIGATION ZONES HAVE BEEN GROUPED INTO THE PHASED PLAN. THE SYSTEM HAS BEEN DESIGNED TO WORK AS A WHOLE WITH THE INTENTION OF A COMPLETED PROJECT. IN THE CASE THAT THE PLAN IS NOT IMPLEMENTED AS A WHOLE IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO INSURE THAT THE SYSTEM WORKS PROPERLY AS AN INDIVIDUAL PHASE AND AS A PART OF THE TOTAL PROJECT.



KELLOGG AND RIDGE INTERCHANGE

INSTALLATION PHASE PLAN FOR PLANTING AND IRRIGATION

NO SCALE



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Sheet No.

project no: 0338
drawn by: L. ENGLER
date: 12-22-89
PH of 1

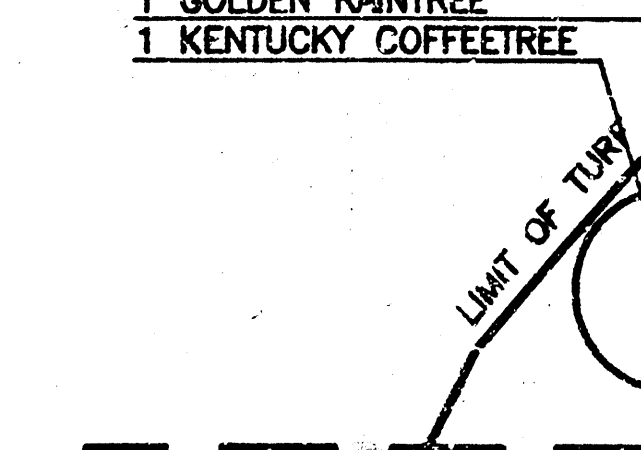
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00338/KELLOGG & RIDGE INTERCHANGE/WICHITA, KS

PLANT MATERIAL SCHEDULE

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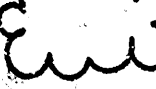
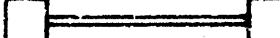
GENERAL NOTES

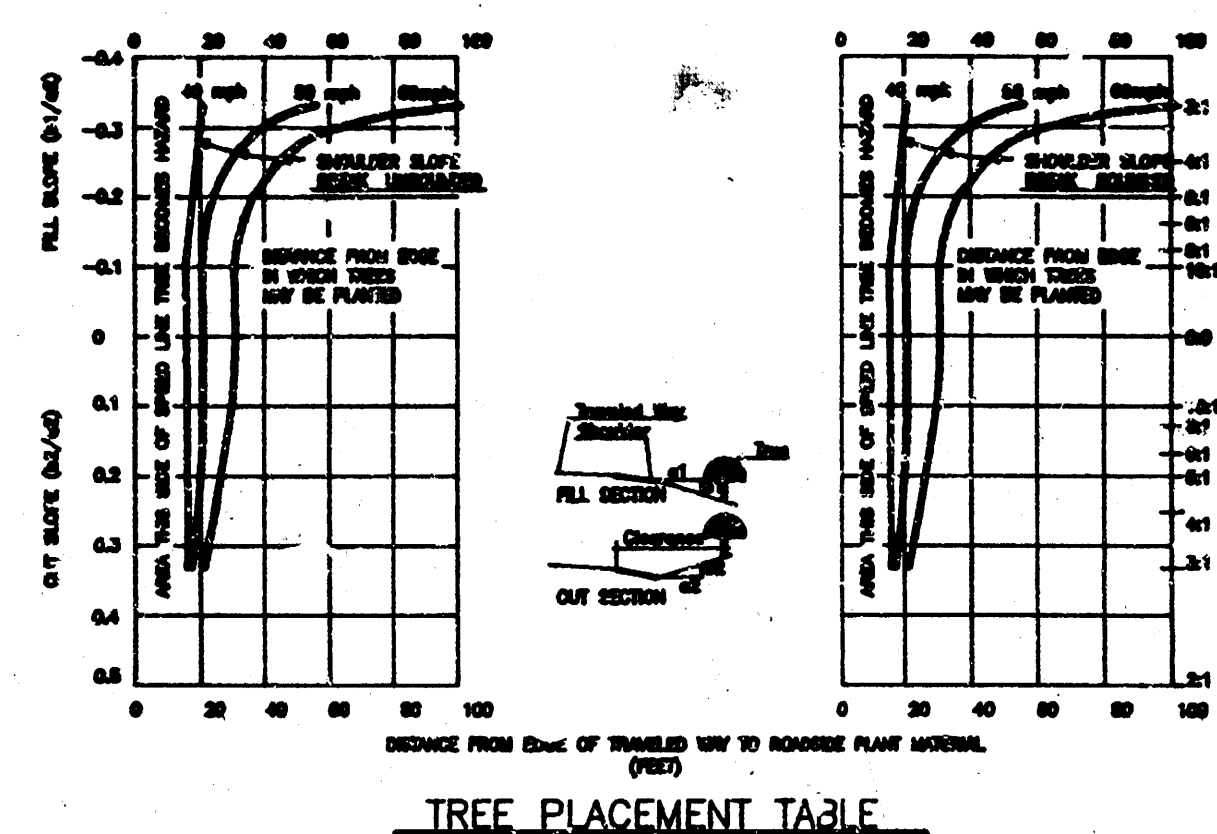
1. TOTAL QUANTITIES OF MATERIALS SHOWN ON LANDSCAPE DRAWINGS SHALL TAKE PRECEDENCE OVER QUANTITIES SHOWN ON THE PLANT SCHEDULE. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES ON THE PLANTING PLAN.
 2. REPORT ANY DISCREPANCIES IN THE PLANTING PLAN TO THE PROJECT ENGINEER PRIOR TO STARTING CONSTRUCTION.
 3. PROTECT AND SAVE ALL EXISTING PLANT MATERIALS WHENEVER POSSIBLE.
 4. THE PLANTING PLAN IS DIVIDED INTO EIGHT CONSTRUCTION PHASES SEPARATED BY A "PHASE SEPARATION LINE". THE PLANT QUANTITIES IN THE PLANT SCHEDULE REFLECTS THE QUANTITIES IN EACH OF THE PHASES.
 5. EXISTING ASPHALT IN STREET ISLANDS AT INTERSECTIONS OF RIDGE ROAD AND KELLGROVE SHALL BE REMOVED BY THE CITY OF WINSTON. AREAS SHALL RECEIVE ENHANCED HIGH QUALITY TOP SOIL TO 8" MIN. GRADE UP TO THE TOP OF THE EXISTING CURB (A MINIMUM OF 4" TOPSOIL IS REQUIRED). THE CITY OF WINSTON SHALL PROVIDE TOPSOIL. GRADING SHALL BE CONTRACTORS RESPONSIBILITY.
 6. USE TRIANGULAR SPACING IN ALL GROUND COVER AND ANNUAL BEDS.
 7. WHEN PLANTING TREES IN AREAS THAT ARE ADJACENT TO OR IN PROPERTY OWNERS PLANTING AREAS CARE IS TO BE TAKEN SO NOT TO DISTURB EXISTING PLANT MATERIALS OR TURF AREAS.
 8. PLANT TREES AS PER PLANTING DETAILS. WHEN PLANTING TREES IN FIELD CONSULT TREE CODE PLACEMENT TABLE FOR MINIMUM DISTANCE REQUIRED FROM STREET CURB IN ACCORDANCE WITH SHOULDER SLOPE.
 9. TURF AREAS ARE TO BE INSTALLED IN PHASED AREAS AS DELINEATED ON PLANS. TYPICALLY THE TURF AREAS ARE BOUNDED BY THE ROADS CURB, THE PHASE DESIGNATOR LINE AND THE STREET RIGHT-OF-WAY LINE OR A TURF LINE, WHICHEVER AREA IS THE LEAST.
 10. EXISTING TURF IN PROPOSED BAYS OR LIMIT OF TURF IS TO BE ROLLED WITH PROPER HEXAGONE, EARTH TILLED A DEPTH OF 6" AND REGRANED BEFORE HYDRO-SEEDING WITH TURF SEED MIXTURE. REMAINING ALTERNATE BID TURF AREAS ARE TO BE OVER-SEEDD.
 11. THE WILD FLOWER AREA (BETWEEN NORTH AND SOUTH BOUND LINES OF RIDGE ROAD) IS TO BE CONSIDERED AS AN ALTERNATIVE FOR TURF IN PHASE 4 OF THE CONSTRUCTION SCHEDULE.
 12. WILDFLOWER AREAS SHALL BE PLANTED AT RATES SHOWN IN PLANT SCHEDULE.
 13. USE WOOD CHIP MULCH IN ALL PLANTING BEDS, GROUNDCOVER AND TREES AND SHAUERS. LANDSCAPE CONTRACTOR SHALL SUPPLY THE LANDSCAPE ARCHITECT WITH A SAMPLE OF THE MULCH FOR APPROVAL PRIOR TO STARTING CONSTRUCTION.
 14. PLACE 3"-4" OF MULCH IN ALL SHRUB BEDS AND IN ALL TREE SHAUERS (SEE DETAILS). PLACE 1" OF MULCH IN THE GROUND COVER BEDS.
 15. EDGING SHALL BE COMMERCIAL GRADE BLACK PLASTIC INSTALLED IN A TRENCH AND SECURED WITH METAL BARBED STAKES.
 16. WILDFLOWER SEED RATES ARE SHOWN IN SEEDING RATES IN POUNDS OF PURE LIVE SEED PER ACRE.
- | | |
|-------|---------------------|
| 1 | GOLDEN RAINTREE |
| 2 | SHUMART OAK |
| <hr/> | |
| 1 | GOLDEN RAINTREE |
| 1 | KENTUCKY COFFEETREE |
- 

KELLOGG AND RIDGE INTERCHANGE

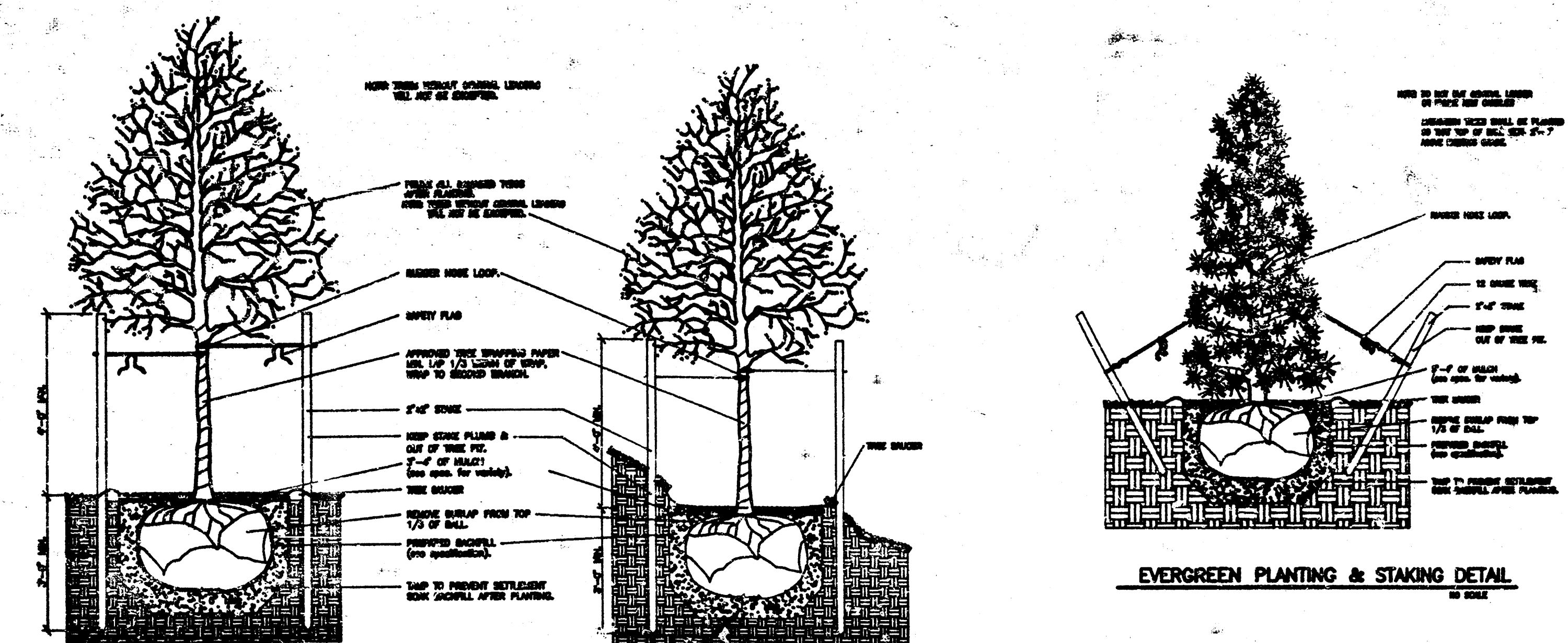
LANDSCAPE PLANTING PLAN

LEGEND

- | PHASE 1 | PHASE SEPARATION LINE |
|---|--------------------------|
| PHASE 2 | LIMIT OF TURF LINE |
|  | EXISTING PLANT MATERIAL |
|  | GROUNDCOVER AREA |
|  | WILDFLOWER AREA |
|  | EXISTING LIGHT STANDARDS |
|  | EXISTING SIGNS |
|  | ORNAMENTAL TREES |
| | SHADE TREES |

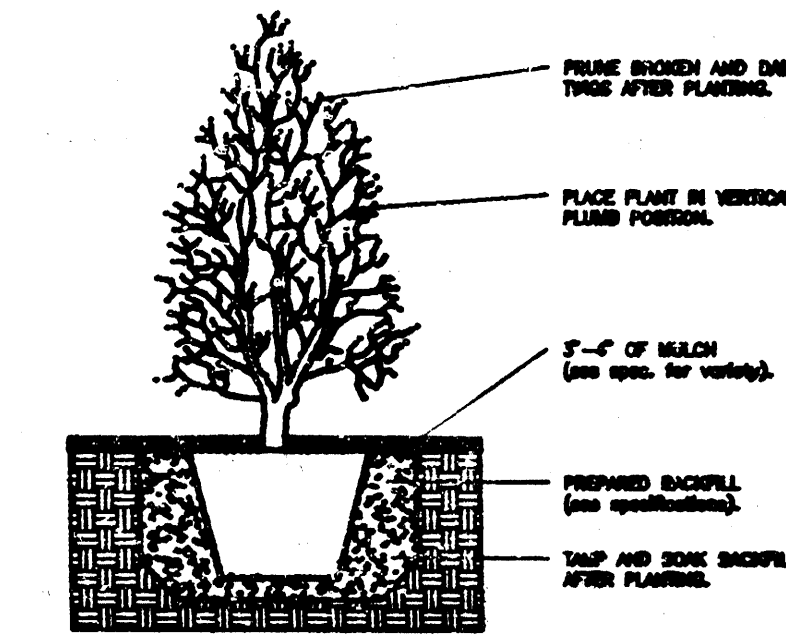


TREE PLACEMENT TABLE

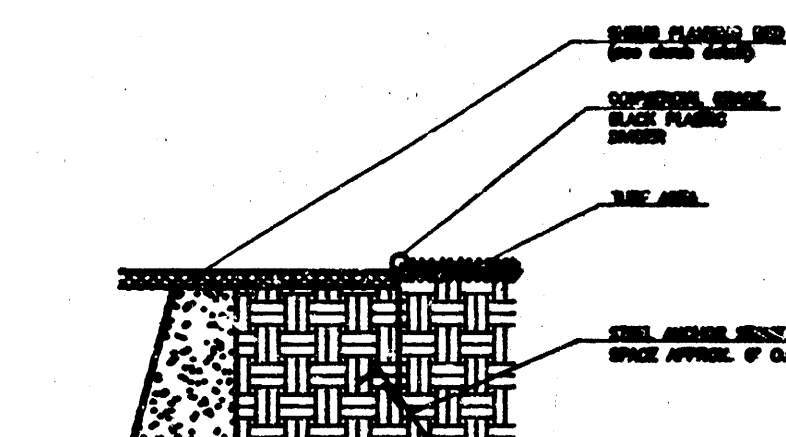


TREE PLANTING & STAKING DETAIL

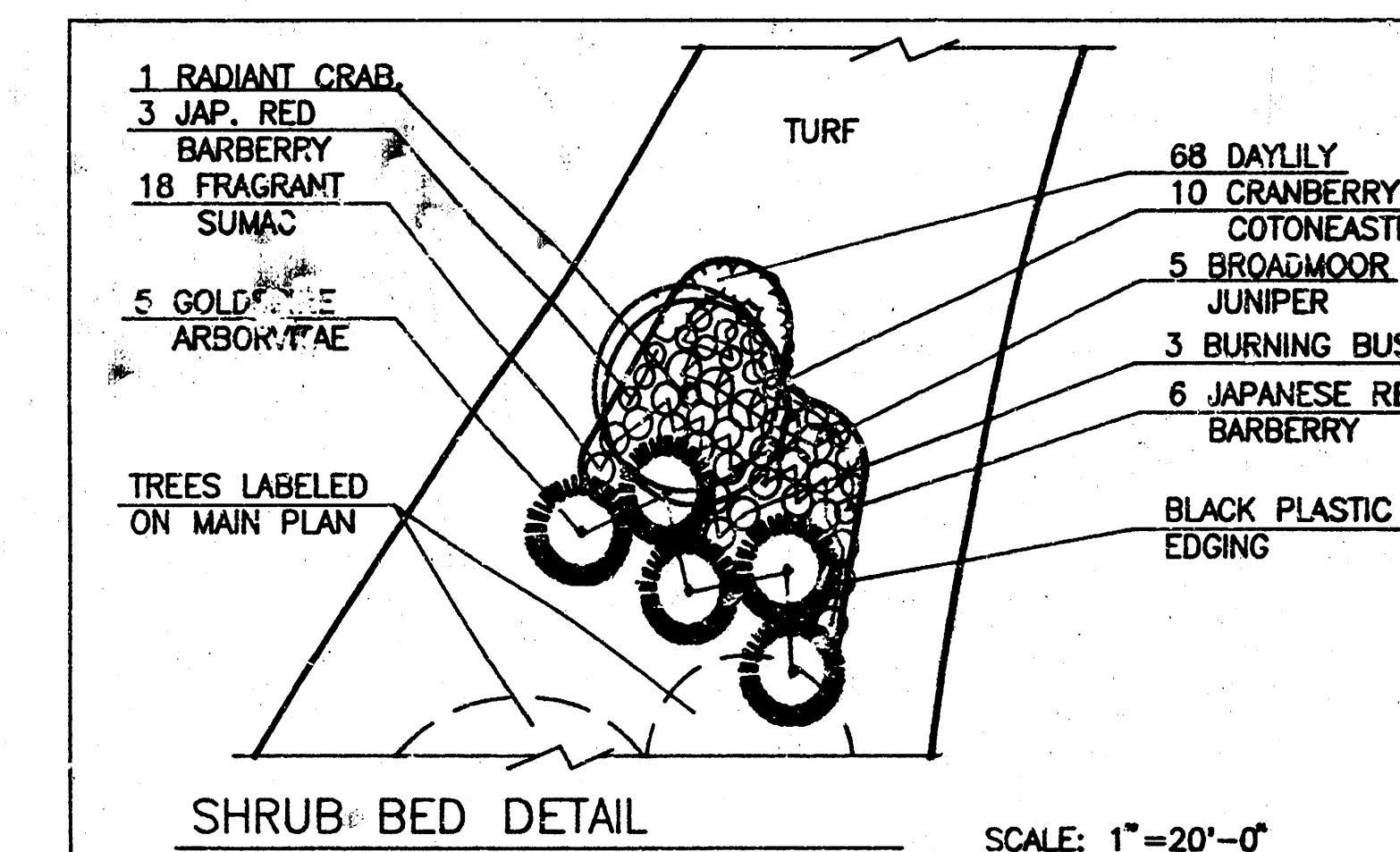
TREE PLANTING & STAKING DETAIL



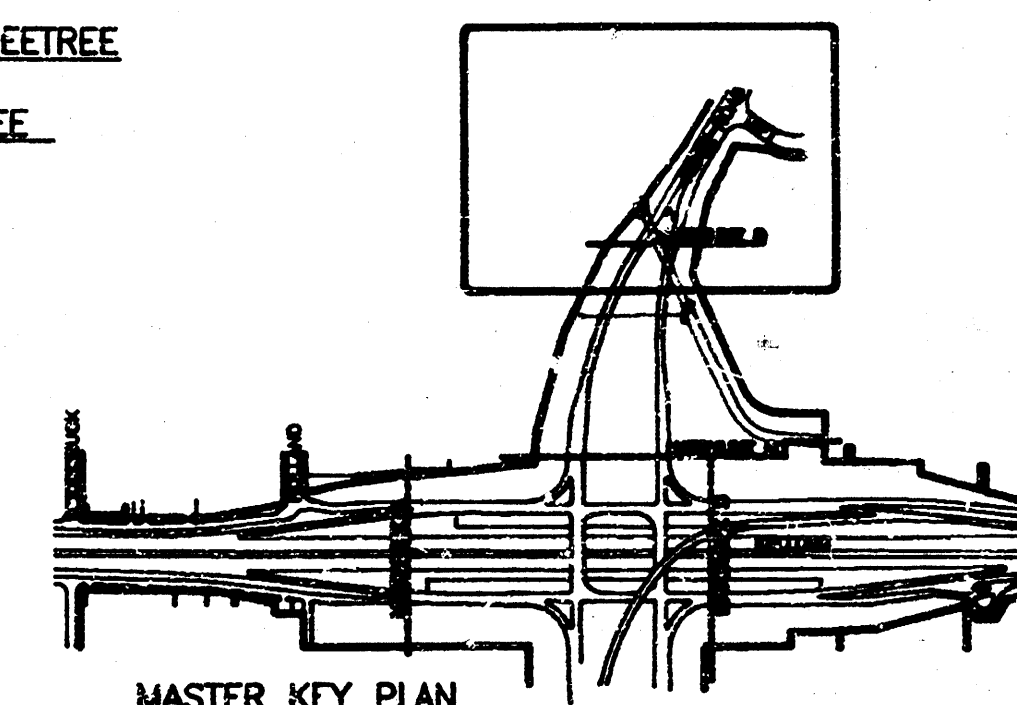
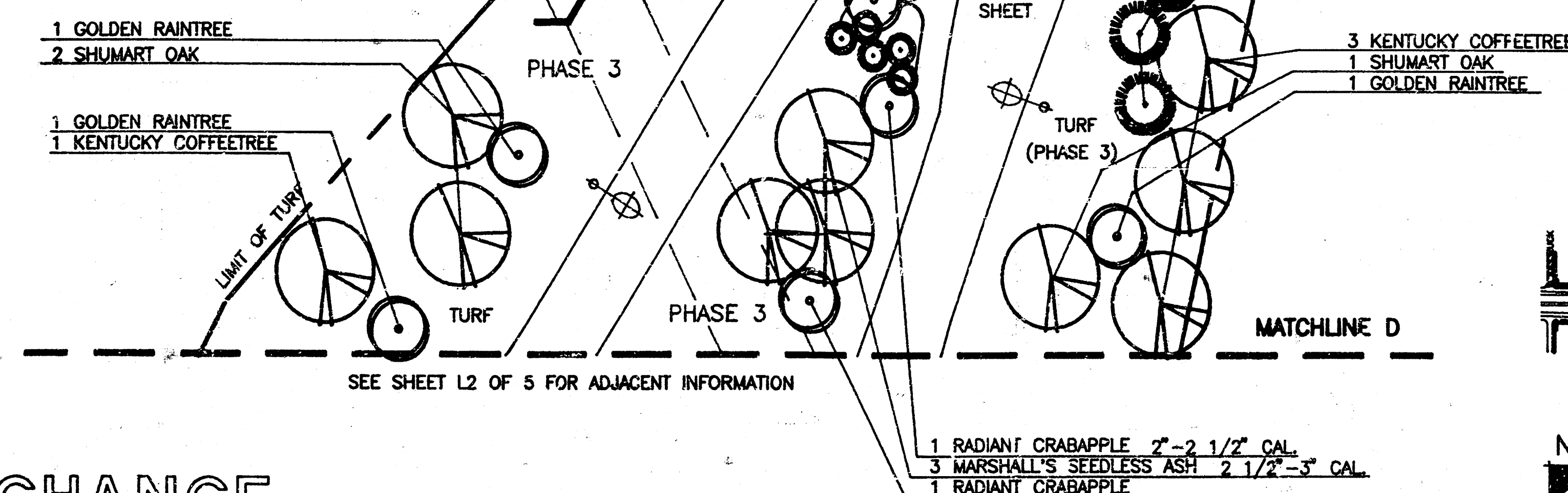
SHRUB PLANTING DETAIL



EDGING DETAIL



NOTE: SHRUB AREA TO BE INSTALLED IN PHASE 3.



MASTER KEY PLAN



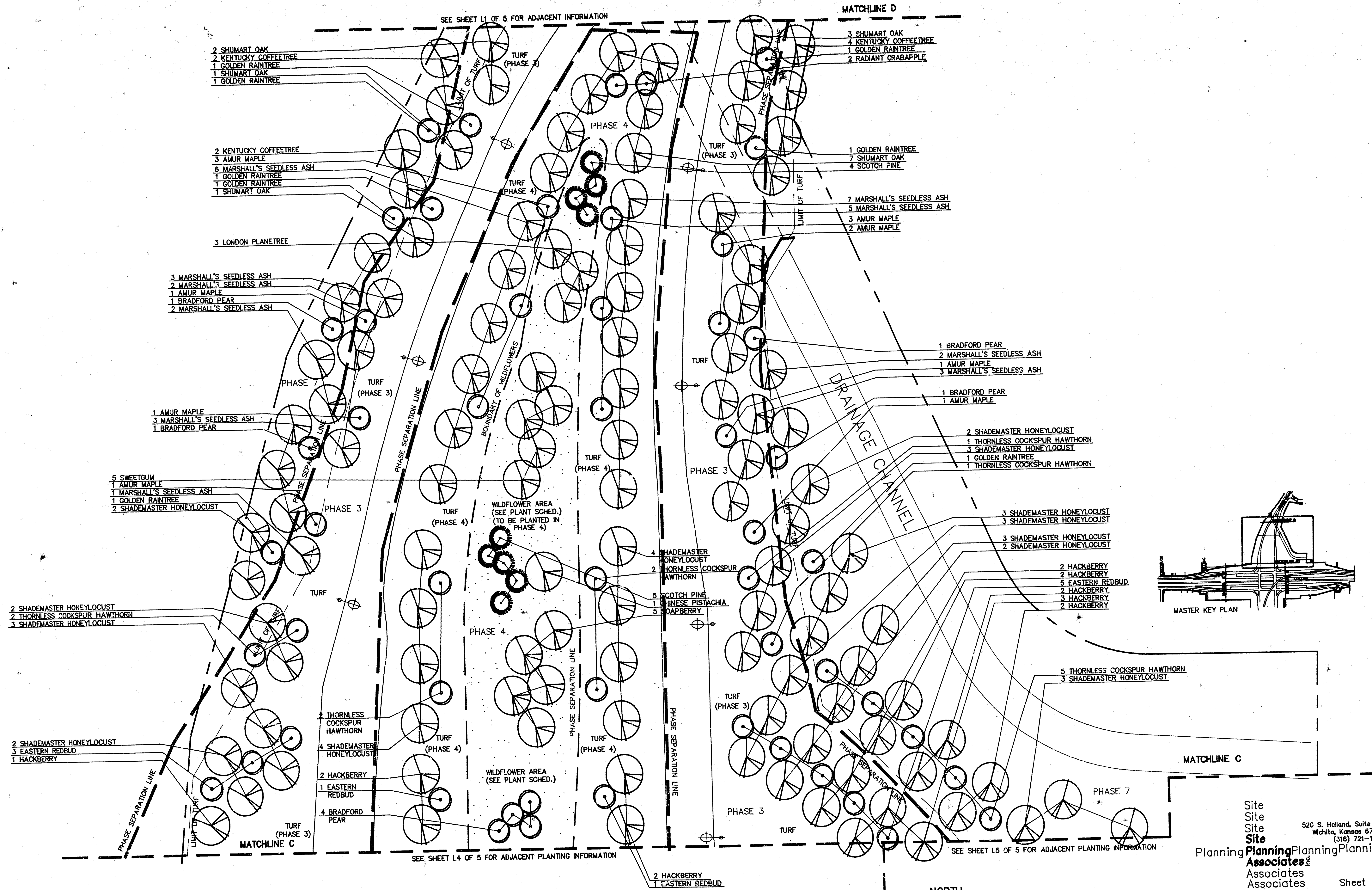
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project no: #0338
drawn by: L. ENGLER
date: 12-20-89

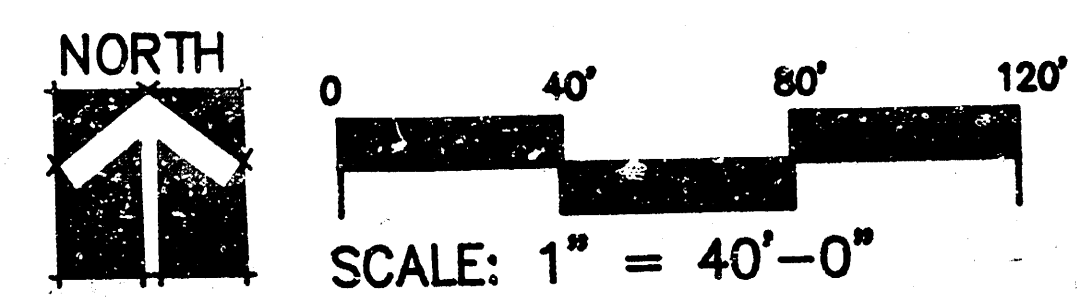
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KELLOGG AND RIDGE INTERCHANGE LANDSCAPE PLANTING PLAN



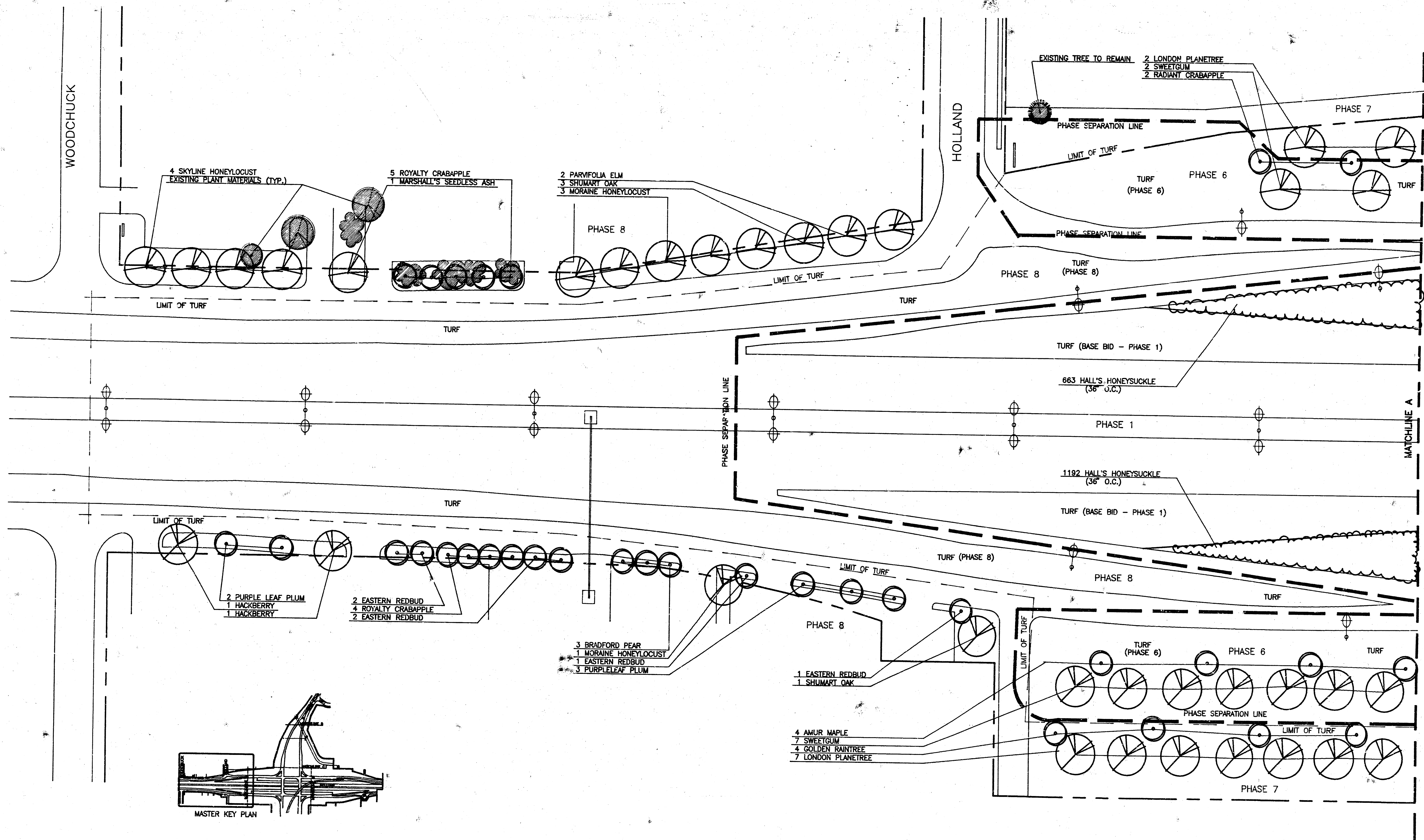
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Sheet No. L2 of 5

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SEE SHEET
L4 OF 5 FOR
ADJACENT INFO.

KELLOGG AND RIDGE INTERCHANGE

LANDSCAPE PLANTING PLAN



0 40' 80' 120'

SCALE: 1" = 40'-0"

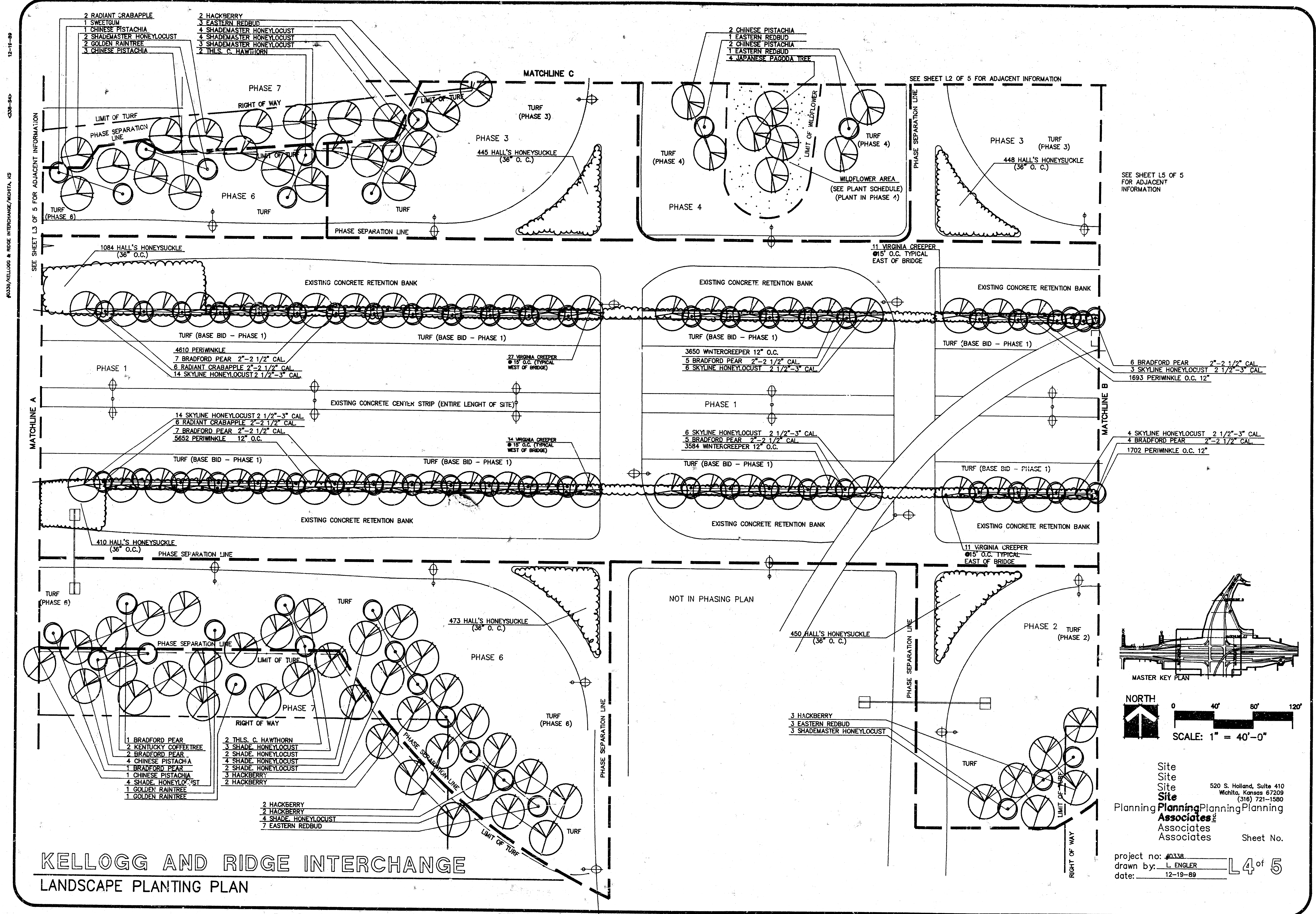
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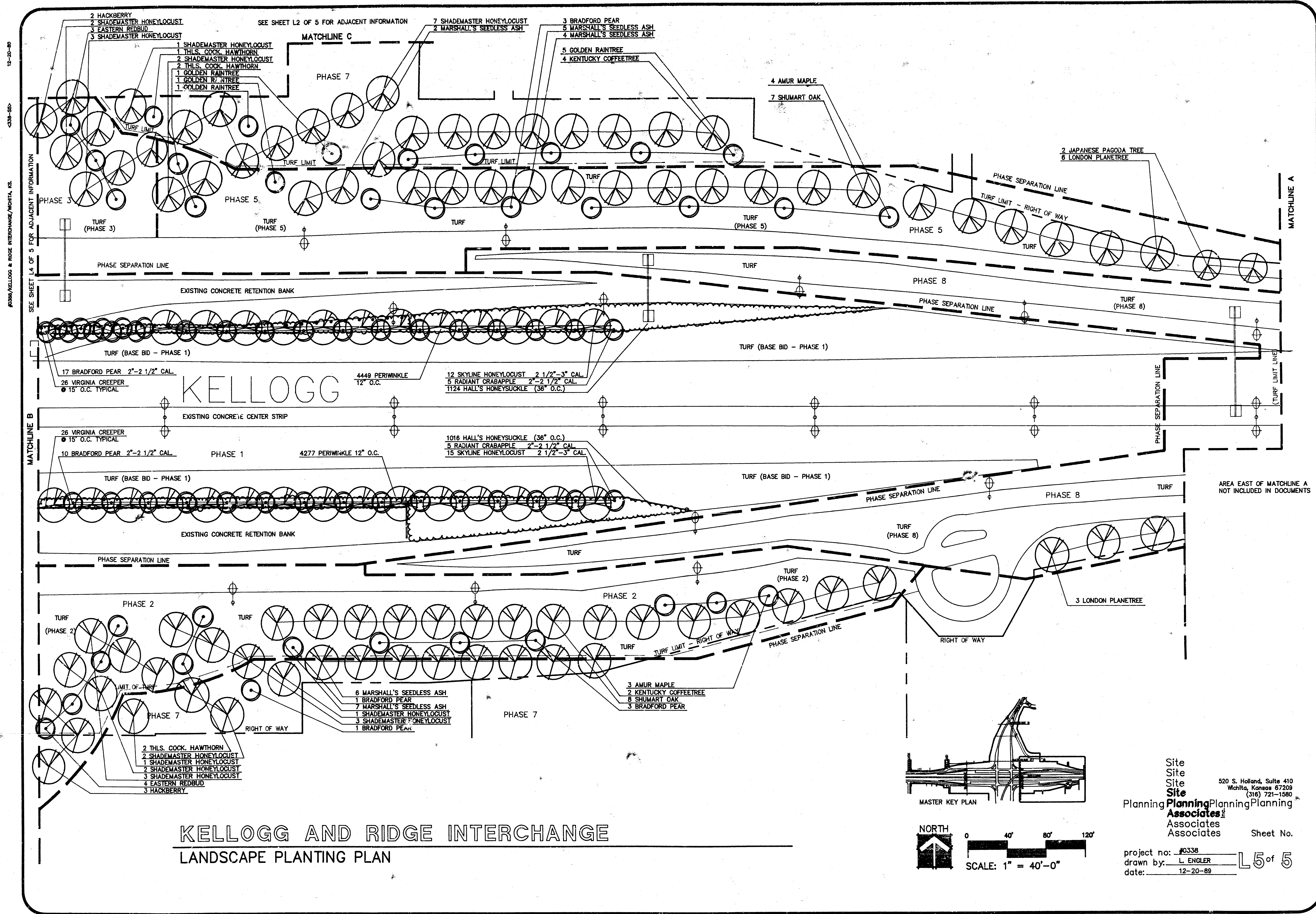
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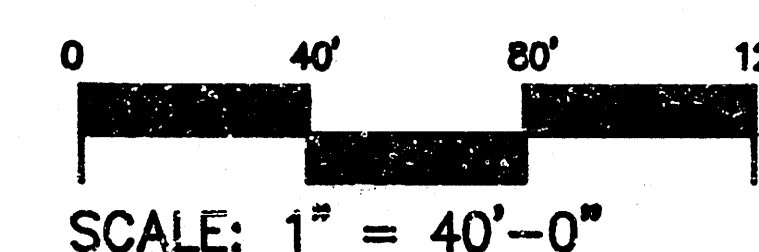
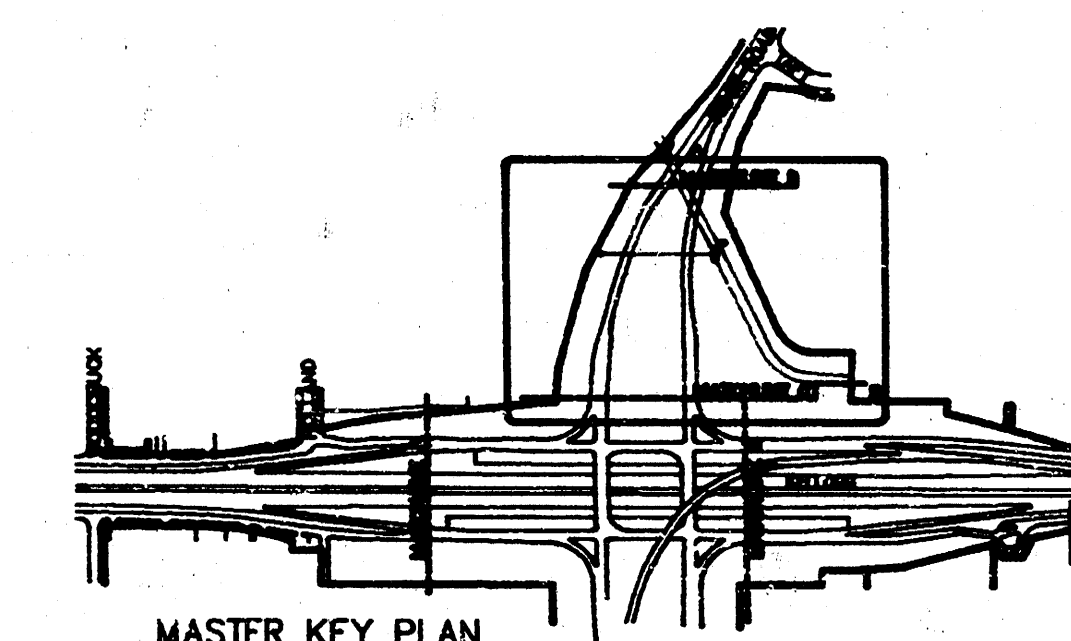
IRRIGATION CONTROLLER SCHEDULES

CONTROLLER NUMBER 1 (SEE SHEET 11 OF 5)

VALVE	STATION	TYPE	VALVE SIZE	GPM	PHASE
A	1	4" POP-UP SPRAY	2"	84.6	5
B	2	4" POP-UP SPRAY	2"	22.3	5
C	3	FIXED RISER DRAINER	1"	15.0	5
D	4	2045A MAN-PAW	1.5"	45.9	5
E	5	R-70 FC	2"	83.2	5

ZONES LOCATED ON SHEET 22 OF 5					
VALVE	STATION	TYPE	VALVE SIZE	GPM	PHASE
D	4	R-70 FC	2"	14.5	3
E	5	R-70 FC	2"	80.5	
O	8	R-70 FC	2"	86.4	
P	7	R-70 FC	2"	82.6	
Q	9	R-70 FC	2"	84.0	
F	16	R-70 FC	2"	86.4	4
G	18	R-70 FC	2"	83.3	
H	17	R-70 FC	2"	83.3	

IRRIGATION CONTROLLER - #4					
VALVE	STATION	TYPE	VALVE SIZE	GPM	PHASE
4D	4	R-70 FC	2"	83.8	3
4O	5	R-70 PC	2"	100.6	



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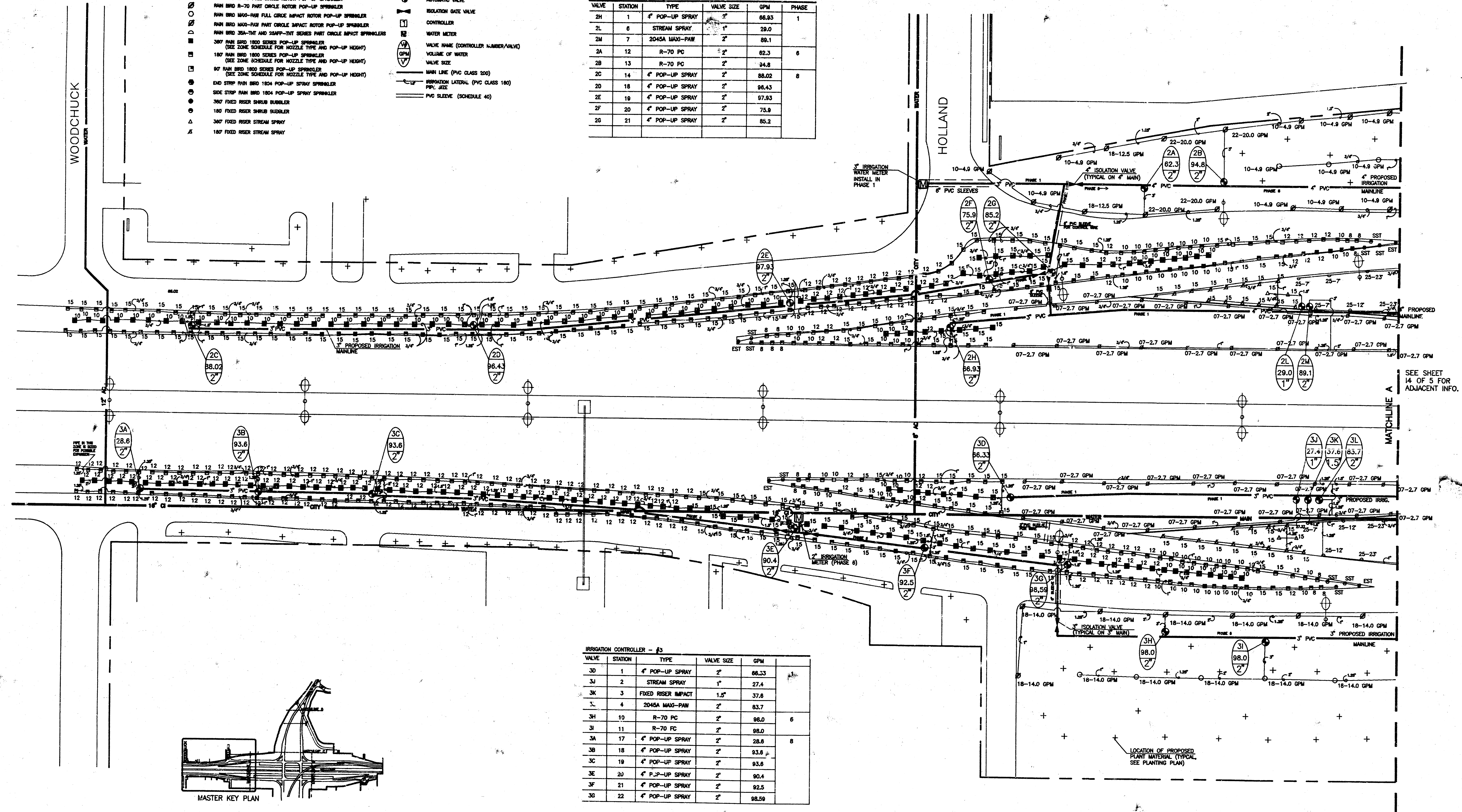
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LEGEND:

- RAIN BIRD R-70 FULL CIRCLE ROTOR POP-UP SPRINKLER
- RAIN BIRD R-70 PART CIRCLE ROTOR POP-UP SPRINKLER
- RAIN BIRD MAXI-PAW FULL CIRCLE IMPACT ROTOR POP-UP SPRINKLER
- RAIN BIRD MAXI-PAW PART CIRCLE IMPACT ROTOR POP-UP SPRINKLER
- RAIN BIRD 30A-TWT AND 264PP-TWT SERIES PART CIRCLE IMPACT SPRINKLERS
- 3007 RAIN BIRD 1800 SERIES POP-UP SPRINKLER (SEE ZONE SCHEDULE FOR NOZZLE TYPE AND POP-UP HEIGHT)
- 1807 RAIN BIRD 1800 SERIES POP-UP SPRINKLER (SEE ZONE SCHEDULE FOR NOZZLE TYPE AND POP-UP HEIGHT)
- 907 RAIN BIRD 1800 SERIES POP-UP SPRINKLER (SEE ZONE SCHEDULE FOR NOZZLE TYPE AND POP-UP HEIGHT)
- END STOP RAIN BIRD 1804 POP-UP SPRAY SPRINKLER
- 3007 FIXED RISER SHURUB BUBBLER
- 1807 FIXED RISER SHURUB BUBBLER
- 3007 FIXED RISER STREAM SPRAY
- 1807 FIXED RISER STREAM SPRAY

- AUTOMATIC VALVE
- ISOLATION GATE VALVE
- CONTROLLER
- WATER METER
- VALVE NAME (CONTROLLER NUMBER/VALVE)
- VOLUME OF WATER
- VALVE SIZE
- MAIN LINE (PVC CLASS 200)
- IRRIGATION LATERAL (PVC CLASS 160)
- PVC SLEEVE (SCHEDULE 40)

IRRIGATION CONTROLLER - #2					
VALVE	STATION	TYPE	VALVE SIZE	GPM	PHASE
2H	1	POP-UP SPRAY	2"	66.93	1
2L	6	STREAM SPRAY	1"	29.0	
2M	7	2045A MAXI-PAW	2"	89.1	
2A	12	R-70 PC	2"	82.3	6
2B	13	R-70 PC	2"	34.8	
2C	14	POP-UP SPRAY	2"	88.02	8
2D	18	POP-UP SPRAY	2"	96.43	
2E	19	POP-UP SPRAY	2"	97.93	
2F	20	POP-UP SPRAY	2"	75.9	
2G	21	POP-UP SPRAY	2"	85.2	



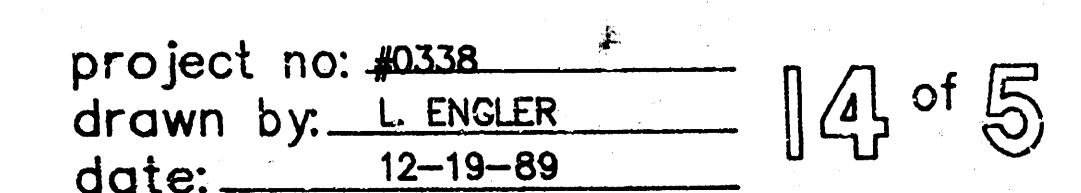
IRRIGATION CONTROLLER - #3					
VALVE	STATION	TYPE	VALVE SIZE	GPM	PHASE
3D	1	POP-UP SPRAY	2"	66.33	1
3J	2	STREAM SPRAY	1"	27.4	
3K	3	FIXED RISER IMPACT	1.5"	37.8	
3L	4	2045A MAXI-PAW	2"	83.7	
3H	10	R-70 PC	2"	96.0	6
3I	11	R-70 PC	2"	96.0	
3A	17	POP-UP SPRAY	2"	28.6	8
3B	18	POP-UP SPRAY	2"	93.6	
3C	19	POP-UP SPRAY	2"	93.6	
3E	20	POP-UP SPRAY	2"	90.4	
3F	21	POP-UP SPRAY	2"	92.5	
3G	22	POP-UP SPRAY	2"	98.59	

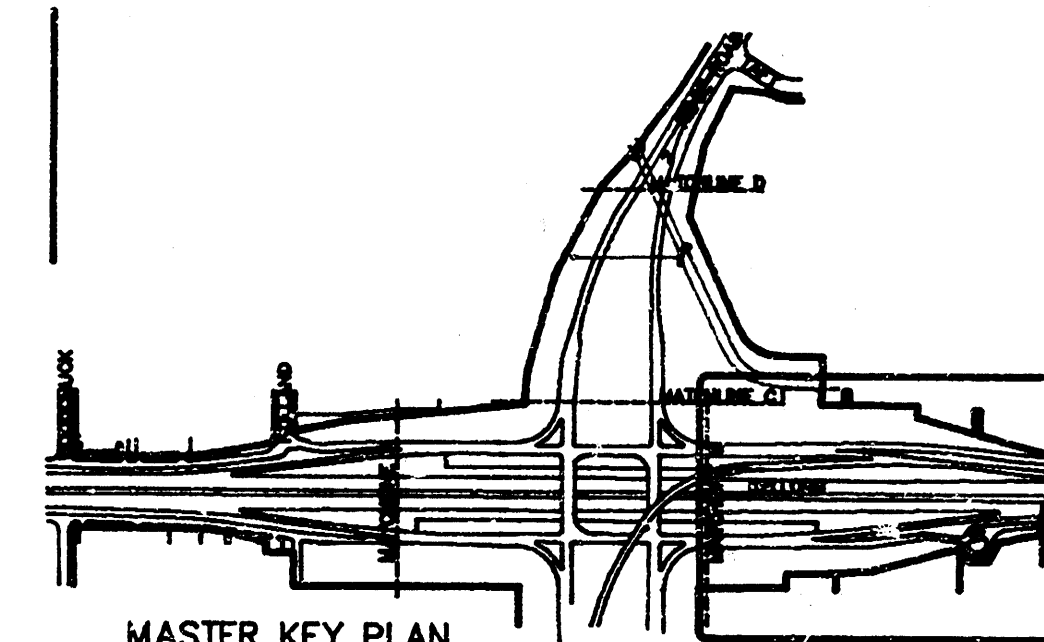
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IRRIGATION CONTROLLER - #5					
VALVE	STATION	TYPE	VALVE SIZE	GPM	PH
5A	1	R-70 PC	2"	84.0	2
5B	2	R-70 FC	2"	70.0	
5C	3	12" POP-UP STREAM	1.5"	48.31	





NORTH



0 40' 80' 120'

SCALE: 1" = 40'-0"

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date: 12-20-89