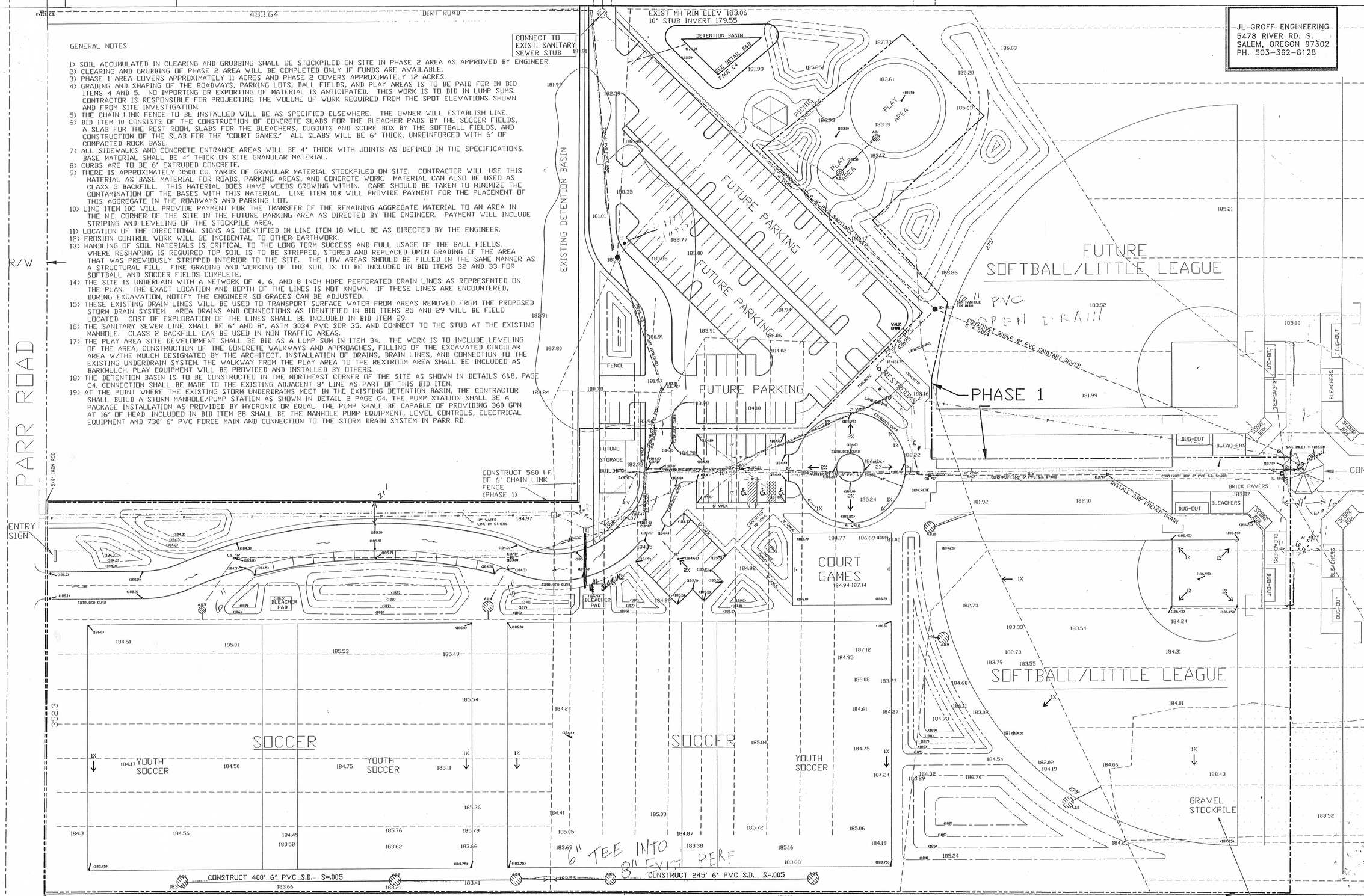
GENERAL NOTES

1) SOIL ACCUMULATED IN CLEARING AND GRUBBING SHALL BE STOCKPILED ON SITE IN PHASE 2 AREA AS APPROVED BY ENGINEER.
2) CLEARING AND GRUBBING OF PHASE 2 AREA WILL BE COMPLETED ONLY IF FUNDS ARE AVAILABLE.
3) PHASE 1 AREA COVERS APPROXIMATELY 11 ACRES AND PHASE 2 COVERS APPROXIMATELY 12 ACRES.
4) GRADING AND SHAPING OF THE ROADWAYS, PARKING LOTS, BALL FIELDS, AND PLAY AREAS IS TO BE PAID FOR IN BID ITEMS 4 AND 5. NO IMPORTING OR EXPORTING OF MATERIAL IS ANTICIPATED. THIS WORK IS TO BID IN LUMP SUMS. CONTRACTOR IS RESPONSIBLE FOR PROJECTING THE VOLUME OF WORK REQUIRED FROM THE SPOT ELEVATIONS SHOWN AND FROM SITE INVESTIGATION.
5) THE CHAIN LINK FENCE TO BE INSTALLED WILL BE AS SPECIFIED ELSEWHERE. THE OWNER WILL ESTABLISH LINE.
6) BID ITEM 10 CONSISTS OF THE CONSTRUCTION OF CONCRETE SLABS FOR THE BLEACHER PADS BY THE SOCCER FIELDS, A SLAB FOR THE REST ROOM, SLABS FOR THE BLEACHERS, DUGOUTS AND SCORE BOX BY THE SOFTBALL FIELDS, AND CONSTRUCTION OF THE SLAB FOR THE "COURT GAMES." ALL SLABS WILL BE 6" THICK, UNREINFORCED WITH 6" OF COMPACTED ROCK BASE.
7) ALL SIDEWALKS AND CONCRETE ENTRANCE AREAS WILL BE 4" THICK WITH JOINTS AS DEFINED IN THE SPECIFICATIONS. BASE MATERIAL SHALL BE 4" THICK ON SITE GRANULAR MATERIAL.
8) CURBS ARE TO BE 6" EXTRUDED CONCRETE.
9) THERE IS APPROXIMATELY 3500 CU. YARDS OF GRANULAR MATERIAL STOCKPILED ON SITE. CONTRACTOR WILL USE THIS MATERIAL AS BASE MATERIAL FOR ROADS, PARKING AREAS, AND CONCRETE WORK. MATERIAL CAN ALSO BE USED AS CLASS 5 BACKFILL. THIS MATERIAL DOES HAVE WEEDS GROWING WITHIN. CARE SHOULD BE TAKEN TO MINIMIZE THE CONTAMINATION OF THE BASES WITH THIS MATERIAL. LINE ITEM 10B WILL PROVIDE PAYMENT FOR THE PLACEMENT OF THIS AGGREGATE IN THE ROADWAYS AND PARKING LOT.
10) LINE ITEM 10C WILL PROVIDE PAYMENT FOR THE TRANSFER OF THE REMAINING AGGREGATE MATERIAL TO AN AREA IN THE NE. CORNER OF THE SITE IN THE FUTURE PARKING AREA AS DIRECTED BY THE ENGINEER. PAYMENT WILL INCLUDE STRIPING AND LEVELING OF THE STOCKPILE AREA.
11) LOCATION OF THE DIRECTIONAL SIGNS AS IDENTIFIED IN LINE ITEM 18 WILL BE AS DIRECTED BY THE ENGINEER.
12) EROSION CONTROL WORK WILL BE INCIDENTAL TO OTHER EARTHWORK.
13) HANDLING OF SOIL MATERIALS IS CRITICAL TO THE LONG TERM SUCCESS AND FULL USAGE OF THE BALL FIELDS. WHERE RESHAPING IS REQUIRED TOP SOIL IS TO BE STRIPPED, STORED AND REPLACED UPON GRADING OF THE AREA THAT WAS PREVIOUSLY STRIPPED INTERIOR TO THE SITE. THE LOW AREAS SHOULD BE FILLED IN THE SAME MANNER AS A STRUCTURAL FILL. FINE GRADING AND WORKING OF THE SOIL IS TO BE INCLUDED IN BID ITEMS 32 AND 33 FOR SOFTBALL AND SOCCER FIELDS COMPLETE.
14) THE SITE IS UNDERLAIN WITH A NETWORK OF 4, 6, AND 8 INCH HDPE PERFORATED DRAIN LINES AS REPRESENTED ON THE PLAN. THE EXACT LOCATION AND DEPTH OF THE LINES IS NOT KNOWN. IF THESE LINES ARE ENCOUNTERED, DURING EXCAVATION, NOTIFY THE ENGINEER SO GRADES CAN BE ADJUSTED.
15) THESE EXISTING DRAIN LINES WILL BE USED TO TRANSPORT SURFACE WATER FROM AREAS REMOVED FROM THE PROPOSED STORM DRAIN SYSTEM. AREA DRAINS AND CONNECTIONS AS IDENTIFIED IN BID ITEMS 25 AND 29 WILL BE FIELD LOCATED. COST OF EXPLORATION OF THE LINES SHALL BE INCLUDED IN BID ITEM 29.
16) THE SANITARY SEWER LINE SHALL BE 6" AND 8", ASTM 3034 PVC SDR 35, AND CONNECT TO THE STUB AT THE EXISTING MANHOLE. CLASS 2 BACKFILL CAN BE USED IN NON TRAFFIC AREAS.
17) THE PLAY AREA SITE DEVELOPMENT SHALL BE BID AS A LUMP SUM IN ITEM 34. THE WORK IS TO INCLUDE LEVELING OF THE AREA, CONSTRUCTION OF THE CONCRETE WALKWAYS AND APPROACHES, FILLING OF THE EXCAVATED CIRCULAR AREA W/THE MULCH DESIGNATED BY THE ARCHITECT, INSTALLATION OF DRAINS, DRAIN LINES, AND CONNECTION TO THE EXISTING UNDERDRAIN SYSTEM. THE WALKWAY FROM THE PLAY AREA TO THE RESTROOM AREA SHALL BE INCLUDED AS BARKMULCH. PLAY EQUIPMENT WILL BE PROVIDED AND INSTALLED BY OTHERS.
18) THE DETENTION BASIN IS TO BE CONSTRUCTED IN THE NORTHEAST CORNER OF THE SITE AS SHOWN IN DETAILS 6&8, PAGE C4. CONNECTION SHALL BE MADE TO THE EXISTING ADJACENT 8" LINE AS PART OF THIS BID ITEM.
19) AT THE POINT WHERE THE EXISTING STORM UNDERDRAINS MEET IN THE EXISTING DETENTION BASIN, THE CONTRACTOR SHALL BUILD A STORM MANHOLE/PUMP STATION AS SHOWN IN DETAIL 2 PAGE C4. THE PUMP STATION SHALL BE A PACKAGE INSTALLATION AS PROVIDED BY HYDRONIX OR EQUAL. THE PUMP SHALL BE CAPABLE OF PROVIDING 360 GPM AT 16' OF HEAD. INCLUDED IN BID ITEM 28 SHALL BE THE MANHOLE PUMP EQUIPMENT, LEVEL CONTROLS, ELECTRICAL EQUIPMENT AND 730' 6" PVC FORCE MAIN AND CONNECTION TO THE STORM DRAIN SYSTEM IN PARR RD.



GRADING, DRAINAGE, AND UTILITY PLAN

JL GROFF ENGINEERING
5478 RIVER RD. S.
SALEM, OREGON 97302
PH. 503-362-8128

REVISIONS	BY

REGISTERED PROFESSIONAL ENGINEER 10,603 JULY 16, 1985 JERRY L. GROFF

EXP. 6/30/99

REGISTERED 78 ANDREW J. LEISINGER OREGON LANDSCAPE ARCHITECT

LANDSCAPE ARCHITECTURE SITE PLANNING
Andy Leisinger
Landscape Architect
340 Lake St. S.
Salem, Oregon 97301 503-378-0200

CENTENNIAL PARK
WOODBURN, OR

DATE 8/25/98

SCALE 1"=40'

DRAWN BY TDT

JOB CENTENNIAL PARK

SHEET C1 OF 4 SHEETS

PLANT MATERIALS LIST

QUAN.	BOTANICAL/COMMON NAME	SIZE	CONDITION
	TREES		
6	Acer platanoides/Norway Maple	2" cal.	B & B
14	Acer platanoides 'Crimson King'/ C.K. Norway Maple	2"	B & B
5	Acer platanoides 'Parkway'/ Parkway Norway Maple	2"	B & B
27	Acer rubrum 'Red Sunset'/ R.S. Red Maple	2"	B & B
27	Acer rubrum 'Shade King'/ S.K. Red Maple	2"	B & B
24	Prunus serrulata 'Kwanzan'/ Kwanzan Japanese Flowering Cherry	8'-10'	B & B
2	Pyrus calleryana 'Chanticleer'/ Chanticleer Ornamental Pear	2"	B & B
	SHRUBS		
30	Prunus laurocerasus 'Otto Luyken'/ O.L. English Laurel	2 gal.	Container
	GROUND COVERS		
	Hypericum calycinum/ St. Johnswort @ 18" o.c.	21/4"	Pots

Notes:
1. Landscape contractor to indicate amount of ground covers.
2. Landscape contractor shall verify plant locations with Landscape Architect prior to installation.
3. All shrub beds shall recieve a minimum of 2" layer of hemlock bark mulch.
4. All landscape islands (enclosed by concrete walks, etc.), shall have a min. 6" crown (topsoil).

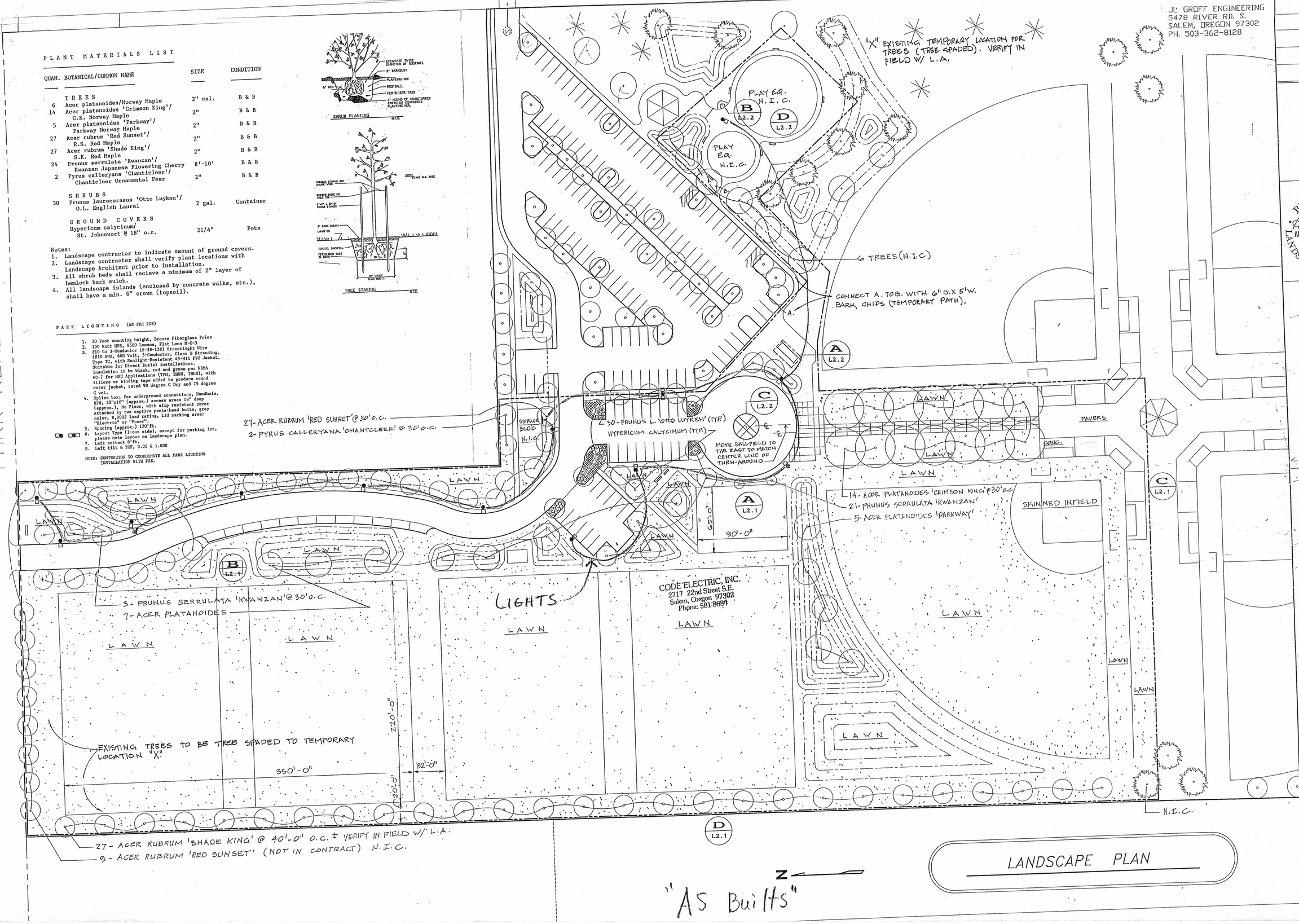
PARK LIGHTING (AS PER PGE)

1. 30 Foot mounting height, Bronze Fiberglass Poles
2. 100 Watt HPS, 9500 Lumens, Flat Lens H-O-3
3. #10 Cu 3-Conductor (6-35-138) Streetlight Wire (#10 AWG, 600 Volt, 3-Conductor, Class B Stranding, Type TC, with Sunlight-Resistant 45-Mil PVC Jacket, Suitable for Direct Burial Installations. Insulation to be black, red and green per NEMA WC-7 for NEC Applications (TFN, THWN, THHN), with fillers or binding tape added to produce round outer jacket, rated 90 degree C Dry and 75 degree C wet.
4. Splice box; for underground connections, Handhole, NEMA, 25"x16" (approx.) access areas 18" deep (approx.), No Floor, with slip resistant cover attached by two captive penta-head bolts, gray color, 8,000# load rating, Lid marking area: "Electric" or "Power".
5. Spacing (approx.) 120'ft.
6. Layout Type (1-one side), except for parking lot, please note layout on landscape plan.
7. Left setback 8'ft.
8. Left tilt & TCF, 0.00 & 1.000

NOTE: CONTRACTOR TO COORDINATE ALL PARK LIGHTING INSTALLATION WITH PGE.

SHRUB PLANTING KTK

TREE STAKING KTK



LANDSCAPE PLAN

REVISIONS	BY

REGISTERED 78 ANDREW J. LEISINGER OREGON LANDSCAPE ARCHITECT

LANDSCAPE ARCHITECTURE
SITE PLANNING
Andy Leisinger
Landscape Architect
340 Leslie St. SE
Salem, Oregon 97301
503-378-0203

CENTENNIAL PARK
WOODBURN, OR

DATE 8/25/98
SCALE 1"=40'-
DRAWN BY TT/AJL
JOB CENTENNIAL PARK
SHEET L1.
OF 4 SHEET

IRRIGATION MATERIALS LEGEND

- RAINBIRD T-4-F-T-30 @ 35 PSI, 30'R. ROTOR POP-UP
- RAINBIRD T-4-FC-T-30 @ 35 PSI, 30'R. " "
- RAINBIRD F4: FALCON-FC-18 @ 50 PSI ROTOR POP-UP
- RAINBIRD F4: FALCON-FC-18 @ 50 PSI ROTOR POP-UP
- RAINBIRD 1804-15F,TQ,H,T,Q @ 30 PSI 15'R. "
- RAINBIRD 1806-15H,T,Q, @ 30 PSI 15'R. "
- RAINBIRD 100-PEB: 1" (26/34) AUTO. ELECTRIC VALVES
- RAINBIRD 150-PEB: 1/12" (40/49)" " "
- RAINBIRD 200-PEB: 2" (50/60) " " "
- RAINBIRD ESP-32 MC: 32 STATION AUTO. CLOCK
- RAINBIRD PED-DD16 PEDESTAL MOUNT (OPTION)
- RAINBIRD NO. 5RC QUICK COUPLING VALVE
- TRC2-32 NO. 01900, TRC2 SYSTEM (TRANSMIT. & REC.)
- WATTS NO. 009M1QT (2") REDUCED PRESSURE BACKFLOW (ABOVE GROUND IN PROTECTIVE ENCLOSURE-CONCRETE VAULT), F&W 5HP-1 PHASE 208-230V, 60HZ, BOOSTER PUMP, W/ RELAY BOX, AS PER UNITED PIPE CO., SALEM, OREGON.
- 3/4" MANUAL DRAIN VALVE (ON (3) SWING JOINT ASSEMBLY).
- SCH. 400 PVC MAIN LINE
- CLASS 200 PVC LATERAL LINE
- PVC SLEEVES TO BE INSTALLED BY GENERAL CONTRACTOR & PROPERLY NOTED INFIELD (COORDINATE W/ L.C.)

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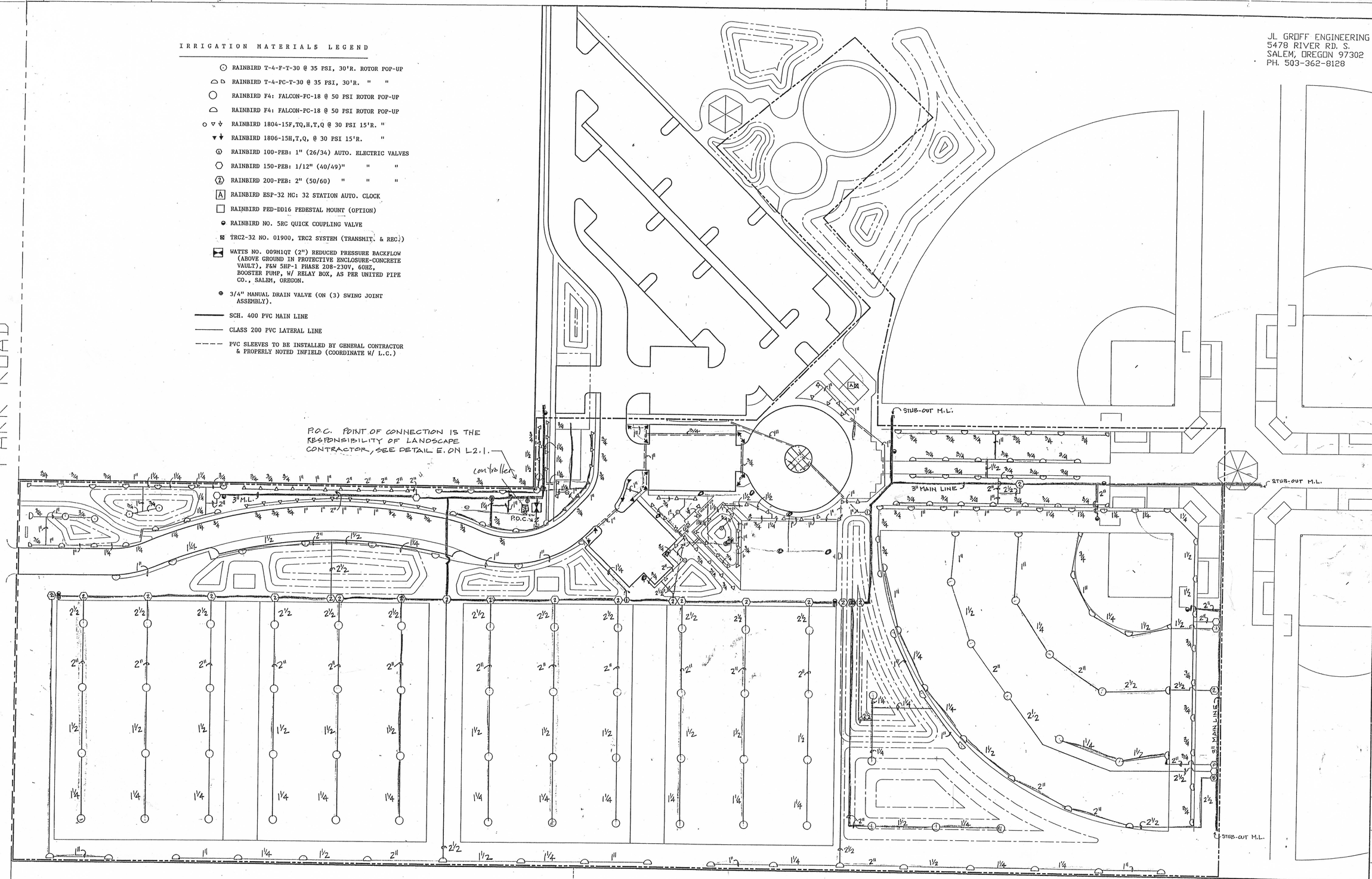

"AS Builts"

IRRIGATION PLAN

REVISIONS

REGISTERED 78 ANDREW J. LEISINGER OREGON LANDSCAPE ARCHITECT

LANDSCAPE ARCHITECTURE
SITE PLANNING
Andy Leisinger
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CENTENNIAL PARK
WOODBURN, OR

DATE 8/25/98

SCALE 1"=40'-0"

DRAWN BY AJL

JOB CENTENNIAL PARK

SHEET L1.2 OF 4 SHEETS

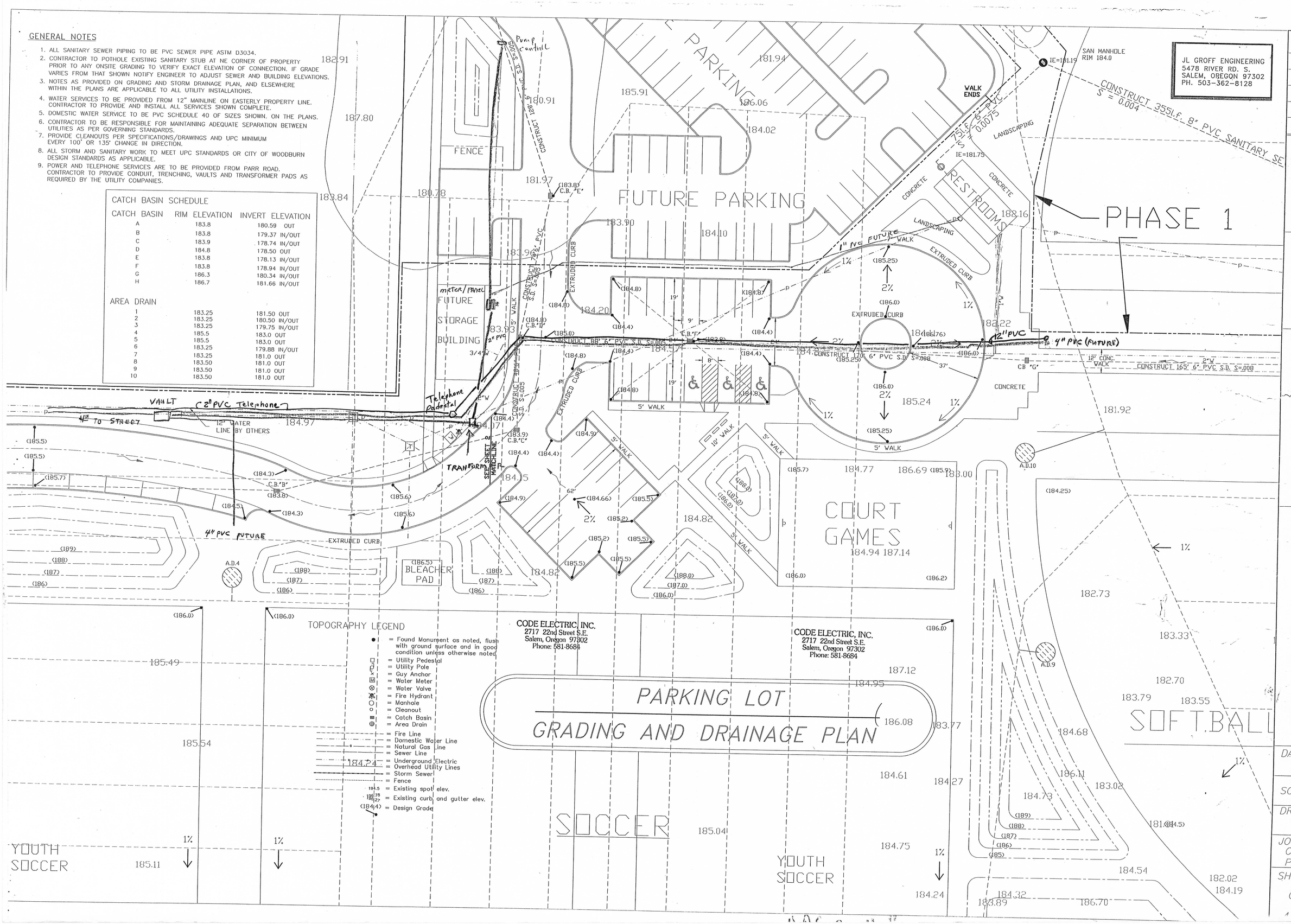
GENERAL NOTES

1. ALL SANITARY SEWER PIPING TO BE PVC SEWER PIPE ASTM D3034.
2. CONTRACTOR TO POTHOLE EXISTING SANITARY STUB AT NE CORNER OF PROPERTY PRIOR TO ANY ONSITE GRADING TO VERIFY EXACT ELEVATION OF CONNECTION. IF GRADE VARIES FROM THAT SHOWN NOTIFY ENGINEER TO ADJUST SEWER AND BUILDING ELEVATIONS.
3. NOTES AS PROVIDED ON GRADING AND STORM DRAINAGE PLAN, AND ELSEWHERE WITHIN THE PLANS ARE APPLICABLE TO ALL UTILITY INSTALLATIONS.
4. WATER SERVICES TO BE PROVIDED FROM 12" MAINLINE ON EASTERLY PROPERTY LINE. CONTRACTOR TO PROVIDE AND INSTALL ALL SERVICES SHOWN COMPLETE.
5. DOMESTIC WATER SERVICE TO BE PVC SCHEDULE 40 OF SIZES SHOWN. ON THE PLANS.
6. CONTRACTOR TO BE RESPONSIBLE FOR MAINTAINING ADEQUATE SEPARATION BETWEEN UTILITIES AS PER GOVERNING STANDARDS.
7. PROVIDE CLEANOUTS PER SPECIFICATIONS,/DRAWINGS AND UPC MINIMUM EVERY 100' OR 135' CHANGE IN DIRECTION.
8. ALL STORM AND SANITARY WORK TO MEET UPC STANDARDS OR CITY OF WOODBURN DESIGN STANDARDS AS APPLICABLE.
9. POWER AND TELEPHONE SERVICES ARE TO BE PROVIDED FROM PARR ROAD. CONTRACTOR TO PROVIDE CONDUIT, TRENCHING, VAULTS AND TRANSFORMER PADS AS REQUIRED BY THE UTILITY COMPANIES.

CATCH BASIN SCHEDULE

CATCH BASIN	RIM ELEVATION	INVERT ELEVATION
A	183.8	180.59 OUT
B	183.8	179.37 IN/OUT
C	183.9	178.74 IN/OUT
D	184.8	178.50 OUT
E	183.8	178.13 IN/OUT
F	183.8	178.94 IN/OUT
G	186.3	180.34 IN/OUT
H	186.7	181.66 IN/OUT

AREA DRAIN		
1	183.25	181.50 OUT
2	183.25	180.50 IN/OUT
3	183.25	179.75 IN/OUT
4	185.5	183.0 OUT
5	185.5	183.0 OUT
6	183.25	179.88 IN/OUT
7	183.25	181.0 OUT
8	183.50	181.0 OUT
9	183.50	181.0 OUT
10	183.50	181.0 OUT



TOPOGRAPHY LEGEND

- = Found Monument as noted, flush with ground surface and in good condition unless otherwise noted
- = Utility Pedestal
- = Utility Pole
- = Guy Anchor
- = Water Meter
- = Water Valve
- = Fire Hydrant
- = Manhole
- = Cleanout
- = Catch Basin
- = Area Drain
- = Fire Line
- = Domestic Water Line
- = Natural Gas Line
- = Sewer Line
- = Underground Electric
- = Overhead Utility Lines
- = Storm Sewer
- = Fence
- 194.5 = Existing spot elev.
- 186.78 / 186.22 = Existing curb and gutter elev.
- (184.4) = Design Grade

REVISIONS	BY

REGISTERED PROFESSIONAL ENGINEER 10,683 OREGON JULY 11, 1990 JERRY L. GROFF

EXP. 6/30/99

LANDSCAPE ARCHITECTURE
SITE PLANNING
Andy Lewis Jr. Per
Landscape Architect
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CENTENNIAL PARK
WOODBURN, OR

DATE	8/25/98
SCALE	1"=20'
DRAWN BY	TDT
JOB	CENTENNIAL PARK
SHEET	C3
OF	