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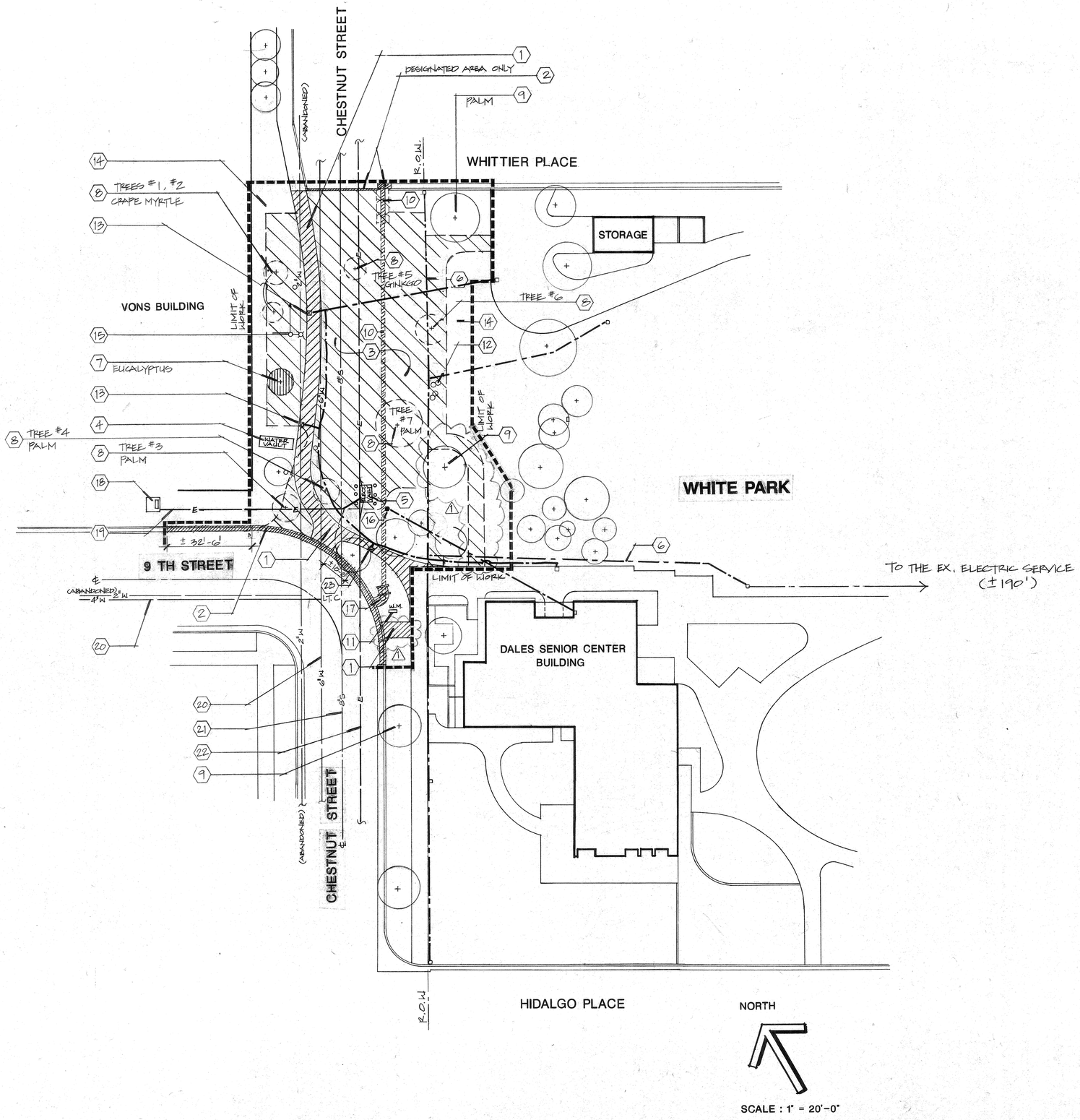

WHITE PARK - DALES CENTER PARKING LOT

DEMOLITION NOTES

1. DOUBLE SAW CUT, REMOVE, AND DISPOSE OF EXISTING CONCRETE WALK.
2. REMOVE AND DISPOSE OF EXISTING CONCRETE CURB AND GUTTER.
3. REMOVE AND DISPOSE OF EXISTING TURF AND EXCAVATE FOR PARKING LOT OR SIDEWALK SUBGRADE. SEE IRRIGATION PLAN FOR EXISTING IRRIGATION CUTTING AND CAPPING.
4. EXISTING WATER VAULT TO REMAIN AND PROTECT IN PLACE.
5. EXISTING ELECTRICAL VAULT TO REMAIN AND PROTECT IN PLACE.
6. EXISTING UNDERGROUND ELECTRICAL CONDUIT FOR AREA LIGHTING TO REMAIN AND PROTECT IN PLACE.
7. REMOVE THE EXISTING TREE, INCLUDING STUMP, TYPICAL.
8. RELOCATE THE EXISTING TREE TO THE LOCATION PER PLANTING PLAN AND AS DIRECTED BY PARK PROJECT INSPECTOR IN THE FIELD.
9. EXISTING TREE TO REMAIN AND PROTECT IN PLACE, TYPICAL.
10. EXISTING 12" R.C.P. DRAIN LINE TO BE ABANDONED. REMOVE OR CRUSH IN PLACE AS APPROPRIATE.
11. EXISTING WATER METER TO REMAIN AND PROTECT IN PLACE.
12. CUT AND CAP EXISTING IRRIGATION LATERALS. RELOCATE THE FOUR REMOTE CONTROL VALVES TO ABOUT 10' EAST AND OUTSIDE THE FUTURE SIDEWALK.
13. REMOVE THE EXISTING SIDEWALK LIGHT AND TURN OVER TO THE CITY. DEMOLISH FOOTING TO 12" BELOW GRADE.
14. EXISTING TURF TO REMAIN.
15. EXISTING STREET LIGHT ON WOOD POLE WITH GUY WIRE TO BE REMOVED; THE ELECTRICAL WIRE TO BE REMOVED BY THE CITY & PHONE CO.
16. EXISTING POWER POLE #9275J WITH STREET LIGHT AND OVERHEAD SERVICE TO BUILDING TO ~~REMAIN IN PLACE.~~ BE REMOVED BY THE CITY.
17. EXISTING MAN HOLE, MH STRUCTURE, AND GUARD RAIL TO BE DEMOLISHED.
18. EXISTING TRANSFORMER PAD (5-1/2' X 6'). PROTECT IN PLACE.
19. EXISTING DIRECT BURIED ELECTRICAL CONDUIT (AT____DEPTH). PROTECT IN PLACE.
20. EXISTING WATER LINE(AT____DEPTH), SIZE AS NOTED ON PLAN; PROTECT IN PLACE.
21. EXISTING 8" SEWER LINE (AT____DEPTH) AND ALSO THE CENTER LINE OF CHESTNUT STREET. PROTECT IN PLACE.
22. EXISTING FULLY ENCASED ELECTRICAL CONDUIT (AT____DEPTH). PROTECT IN PLACE.
23. RELOCATE THE EXISTING SIDEWALK LIGHT (L.T.C). SEE CONSTRUCTION PLAN FOR LOCATION.

WHITE PARK
DALES CENTER PARKING LOT
3936 CHESTNUT ST. RIVERSIDE
DEMOLITION PLAN

city of riverside
park & recreation department
3900 MAIN ST (909) 782-5223
RIVERSIDE, CALIFORNIA 92522

revisions	by
6-9-94	EL

date	2-3-94
design	EL
drawn	EL
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SHEET	D-1
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PLAN NO. P-0014

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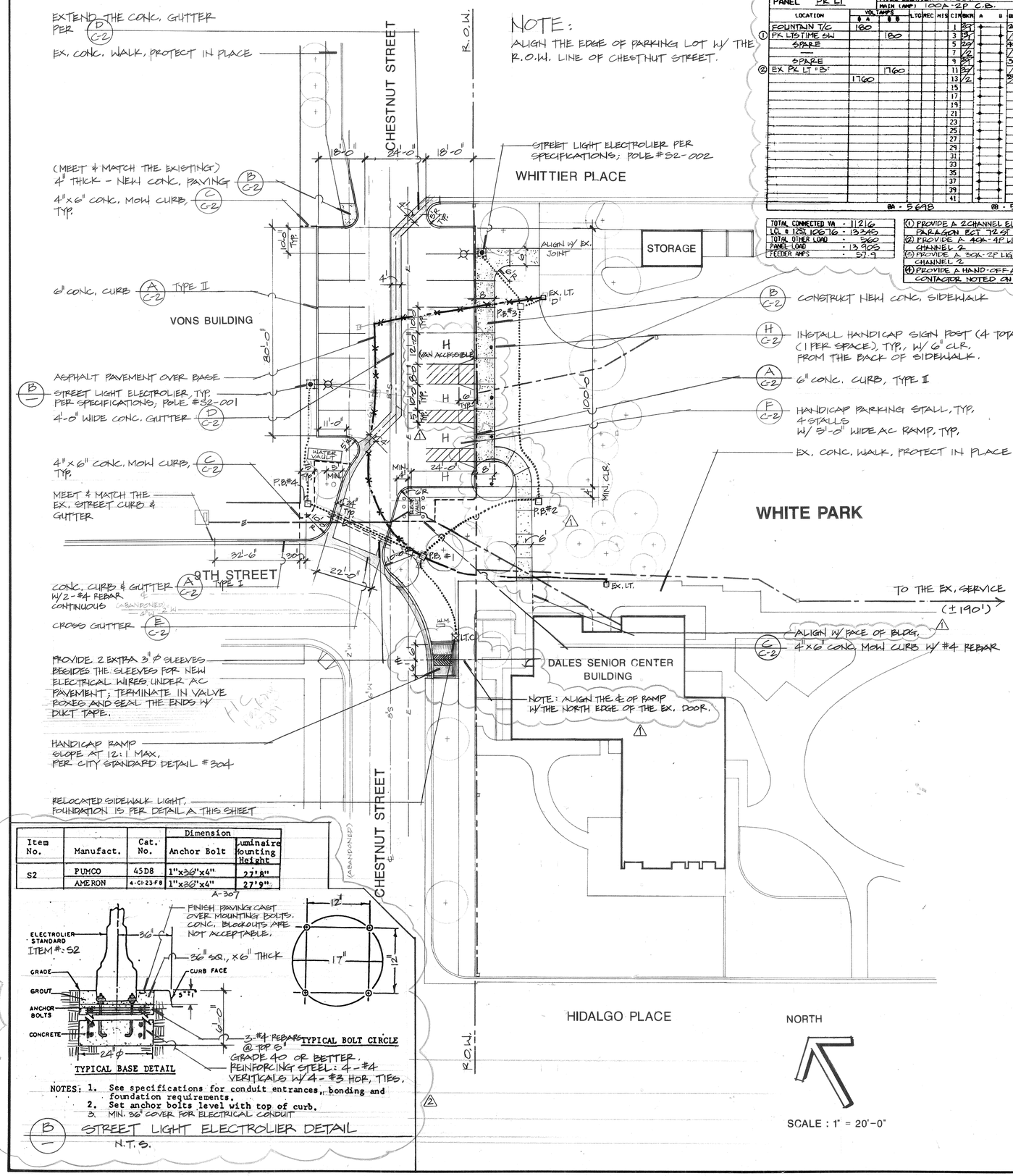


PANEL PK LT	PANEL LOCATION: PEDESTAL MAIN (AMP) 100A-2P C.B.												BUS RATING 100 AMPS						120/240V. 1 ϕ - 3 W MOUNTING: SURFACE
LOCATION	VOL. AMPS ϕ A	VOL. AMPS ϕ B	LTG	REC	MIS	CIR	BKR	A	B	BKR	CIR	MIS	REC	LTG	VOL. AMPS ϕ A	VOL. AMPS ϕ B		LOCATION
FOUNTAIN T/C	180					1	30/2			20/2	2				1892			EX PK LT "A" ③
① PK LTS TIME SW		180				3	30/2			1/2	4					1892		—
SPARE						5	20/2			40/2	6			14	1848			SEC LTS (FUT) ②
—						7	1/2			1/2	8					1848		—
SPARE						9	30/2			30/2	10							SPARE
② EX PK LT "B"		1760				11	30/2			1/2	12							—
	1760					13	1/2			30/2	14		1		180			RECPT
						15					16							
						17					18							
						19					20							
						21					22							
						23					24							
						25					26							
						27					28							
						29					30							
						31					32							
						33					34							
						35					36							
						37					38							
						39					40							
						41					42							
	ϕA - 5698									ϕB - 5218								

TOTAL CONNECTED VA	11216
LGL @ 125% 10076	13345
TOTAL OTHER LOAD	560
PANEL LOAD	13905
FEEDER AMPS	57.9

① PROVIDE A 2 CHANNEL ELECTRONIC PROGRAMMABLE TIME SWITCH PARAGON ECT 7251
② PROVIDE A 40A-2P LIGHTING CONTACTOR 120V COIL, CONNECT TO CHANNEL 2
③ PROVIDE A 30A-2P LIGHTING CONTACTOR 120V COIL, CONNECT TO CHANNEL 2
④ PROVIDE A HAND-OFF-AUTO SWITCH FOR EACH OF THE TWO LIGHTING CONTACTOR NOTED ON ② AND ③ EXCEPT FOR FUTURE LTS.

VOLTAGE DROP CALCULATION

V.D. $\frac{21.6 \times 90 \times 1.11 \times 100}{10380 \times 240}$ = .09

V.D. $\frac{21.6 \times 280 \times 2.22 \times 100}{10380 \times 240}$ = .54

.63%

GENERAL NOTES

1. THE UPPER 12" OF THE SUBGRADE SHOULD BE PROCESSED, MOISTURE CONDITIONED AND COMPACTED TO AT LEAST 90% RELATIVE COMPACTION.
2. PRIOR TO SCARIFYING THE UPPER 12", THE PARKING LOT AREA SHOULD BE PROOF ROLLED WITH A HEAVY PIECE OF EQUIPMENT. IF ANY SOFT ZONES ARE ENCOUNTERED, THEY MUST BE REMOVED TO FIRM MATERIAL AND RECOMPACTED TO GRADE.
3. AC PAVEMENT: (A) PLACE 3" AC PAVEMENT OVER 4" CLASS II AGGREGATE BASE WITH THE UPPER 12" OF SUBGRADE BEING COMPACTED TO AT LEAST 95% RELATIVE COMPACTION. (B) DRIVE LANE SHALL HAVE 4" AC OVER 4" CLASS II AGGREGATE BASE.

TOTAL PARKING STALLS:-
12 - STANDARD 10' X 18'
4 - HANDICAP

LEGEND

□ P.B.#1	NEW PULL BOX
R.O.W.	STREET RIGHT-OF-WAY
W	EXISTING WATER LINE
	EXISTING UNDERGROUND ELECTRICAL CONDUIT FOR SECURITY LIGHTING TO REMAIN; PROTECT IN PLACE
E	EXISTING UNDERGROUND ELECTRICAL CONDUIT
S	EXISTING SEWER LINE
+	EXISTING TREE TO REMAIN; PROTECT IN PLACE
	INTERCEPT THE EXISTING CONDUIT AT PULL BOX/LIGHT LOCATION AND PULL NEW WIRE TO THE NEW LIGHT LOCATION, TYP. INSTALL NEW PULL BOX.
	4" X 6" CONC. MOW CURB WITH #4 REBAR, TYP.
	EX. UNDERGROUND ELECTRICAL CONDUIT FOR SECURITY LIGHTING TO BE ABANDONED AND REMOVED.
	STREET LIGHT ELECTROLIER, TYP. PER SPECIFICATIONS
	PVC SLEEVE FOR NEW ELECTRICAL WIRE UNDER AC PAVEMENT.

NOTES: 1. ALL UNDERGROUND PVC ELECTRICAL CONDUIT SHALL BE 36" BELOW GRADE.
2. CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS AND INCLUDE IN BID ALL WORK REQUIRED FOR A COMPLETE AND OPERABLE LIGHTING SYSTEM.

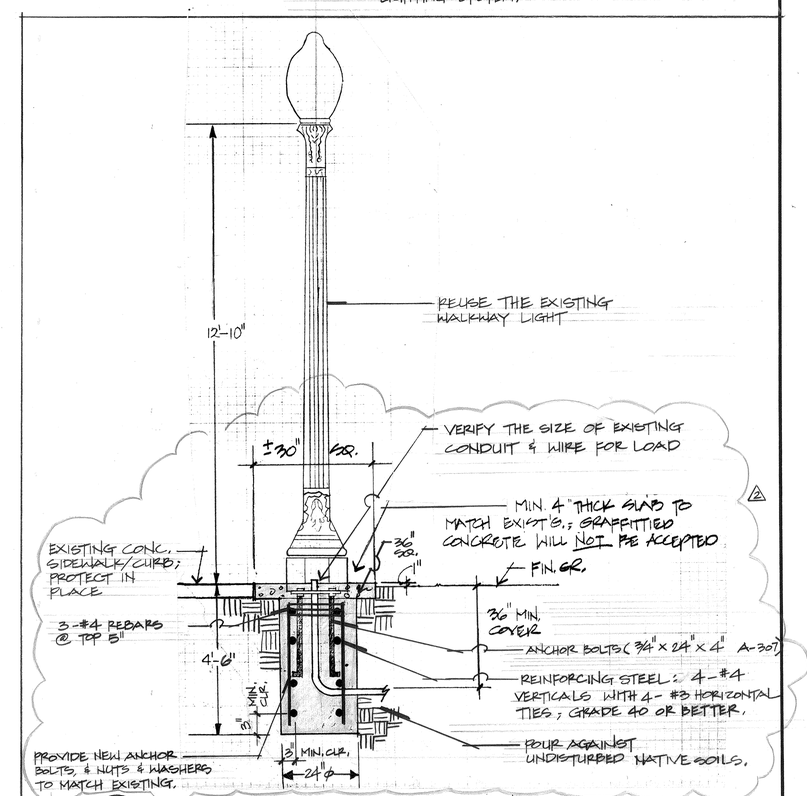
Item No.	Manufact.	Cat. No.	Dimension Anchor Bolt	Luminaire Mounting Height
S2	PUMCO	45D8	1"x36"x4"	27'8"
	AMERON	4-C1-23-F8	1"x36"x4"	27'9"

A-307

TYPICAL BASE DETAIL

NOTES: 1. See specifications for conduit entrances, bonding and foundation requirements.
2. Set anchor bolts level with top of curb.
3. MIN. 36" COVER FOR ELECTRICAL CONDUIT

B — STREET LIGHT ELECTROLIER DETAIL
N.T.S.



A — SECURITY LIGHT DETAIL
N.T.S.

WHITE PARK
DALES CENTER PARKING LOT
CONSTRUCTION PLAN

city of riverside
park & recreation department
(909) 782-5223
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2 7-13-94	EL

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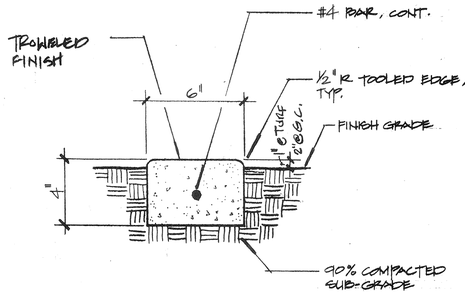
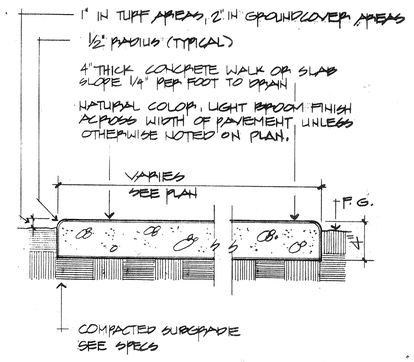


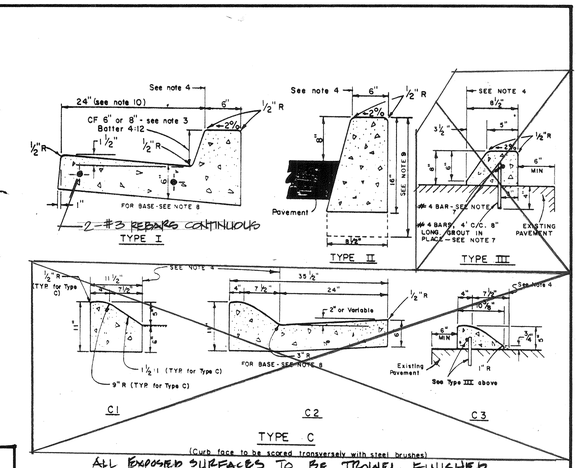
C CONC. MOW CURB



B CONC. SIDEWALK

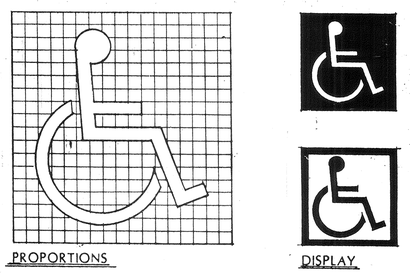
NOTES:
1. Concrete shall be CLASS 520-C-2500 for formed curb, ~~or extruded curb~~
2. Type ~~II and III~~ curb shall be used only where pavement slopes away from curb except as approved by City Engineer.
3. Types ~~I, II, III~~, ~~or C~~ curb face shall be as specified on plans.
4. Curb location dimensions on plan shall be to this point.
5. Expansion joints (1/2" thick) shall be installed at all curb returns.
6. Weakened plane joints shall be constructed at 10' intervals throughout the length of the curb, at quarter points of curb returns, and at any point where the curb section is interrupted by a drainage outlet through the curb.
7. Epoxy approved by city may be used in lieu of bars.
8. When structural section thickness exceeds 14", the base shall be continued under curb and gutter.
9. Next to irrigated areas the curb ht. shall be the larger of 18" or the bottom of the base.
~~10. For Class I on the Bicycle Master Plan, a gutter width of 5' with a 5% cross slope may be required by the City Engineer.~~
△11. Where grade is equal to or greater than 0.4% curb and gutter shall be staked with 3 offsets at 25' intervals. Where grade is less than 0.4%, curb and gutter shall be staked with 3 offsets at 12.5' intervals and two rows of number 3 re-bar shall be placed in gutter with 3/4" dowel pins at all expansion joints.

CONCRETE QUANTITIES		
TYPE	C.F.	C.Y. PER L.F.
I	6"	0.05925
I	9"	0.06211
II	8"	0.02972
III	8"	0.03147
C1	—	0.02762
C2	—	0.06457
C3	—	0.00965



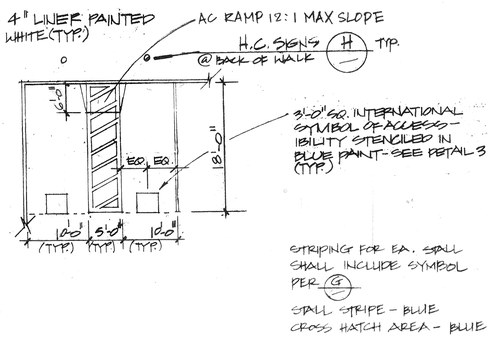
ALL EXPOSED SURFACES TO BE TROWEL FINISHED.

A CONC. CURB & GUTTER (NATURAL CONC.)

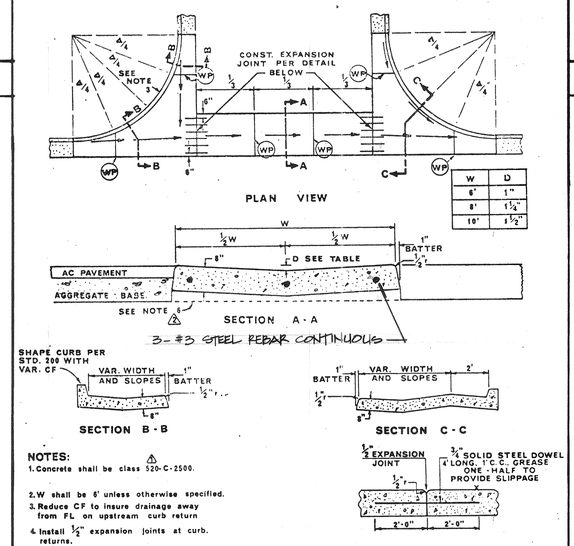


HANDICAP PARKING

G HANDICAP SYMBOL

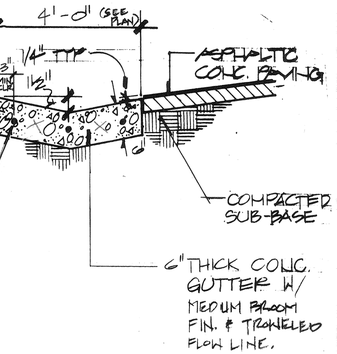


F HANDICAP PARKING STALL

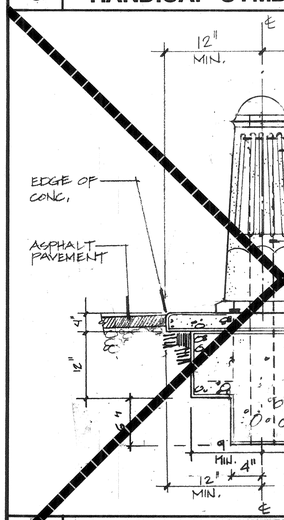


NOTES:
1. Concrete shall be class 520-C-2500.
2. W shall be 6' unless otherwise specified.
3. Reduce CF to insure drainage away from FL on upstream curb return
4. Install 1/2" expansion joints at curb returns.
5. Construct weakened plane joints at locations indicated by WP.
△6. When structural section exceeds 14", the base shall be continued under cross gutter

E CROSS GUTTER (NATURAL CONCRETE)



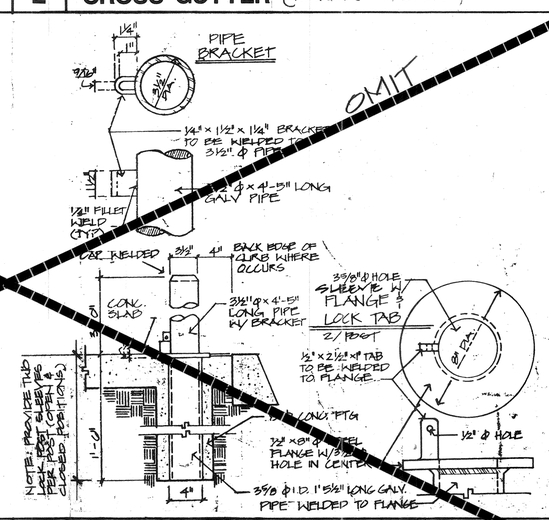
D CONCRETE GUTTER (NATURAL CONC.)



J BOLLARD

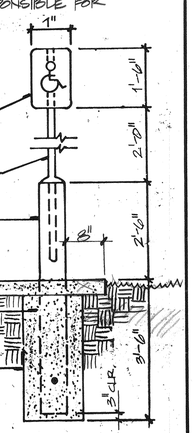
GENERAL NOTES
1 ALL PIPE DEMENSIONS SHOWN ARE OUTSIDE DIAMETER EXCEPT WHERE NOTED OTHERWISE.
2 PIPE BRACKET DIMENSIONS SHOULD BE SLIGHTLY OVERSIZED TO ALLOW FOR PROPER FIT W/ LOCK TAB.
3 ALL COMPONENTS OF TRAFFIC BARRIER TO BE GALV. AFTER ALL DRILLING AND WELDING IS COMPLETED.

OMIT



I REMOVABLE POST

NOTE: THE SIGN WILL BE MADE & PROVIDED TO THE CONTRACTOR BY THE CITY. CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLATION.



H HANDICAP SIGN

WHITE PARK
DALES CENTER PARKING LOT
CONSTRUCTION DETAILS

city of riverside
park & recreation
department
(909) 782-5223
3900 MAIN ST RIVERSIDE, CALIFORNIA 92522

revisions	by

date	2-3-94
design	EL
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acc't. no.	
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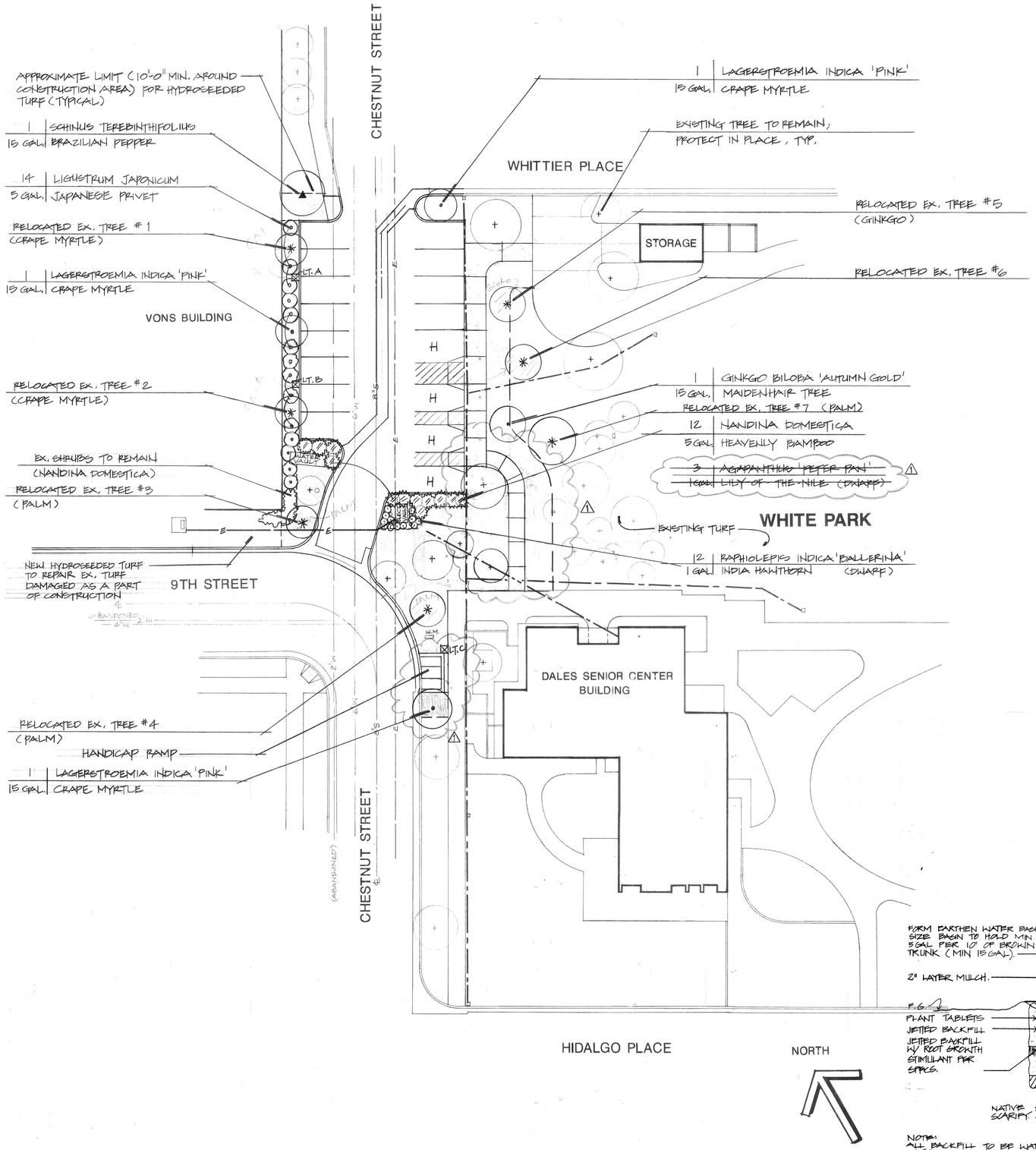
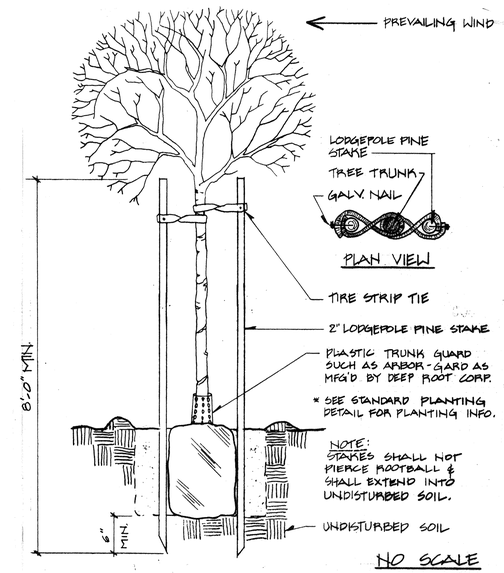
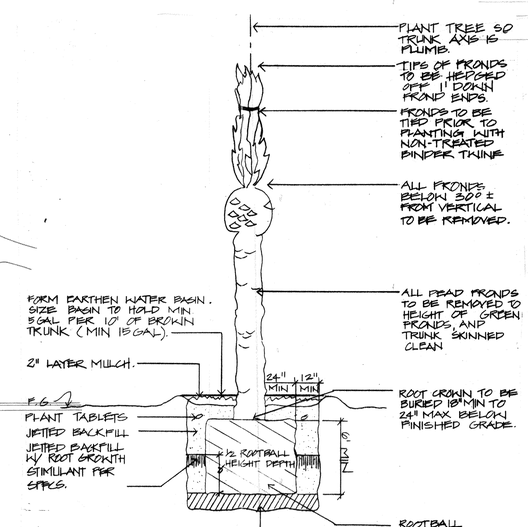


LEGEND

R.O.W.	STREET RIGHT-OF-WAY
W	EXISTING WATER LINE
	EXISTING UNDERGROUND ELECTRICAL CONDUIT FOR SECURITY LIGHTING TO REMAIN; PROTECT IN PLACE
E	EXISTING UNDERGROUND ELECTRICAL CONDUIT
S	EXISTING SEWER LINE
+	EXISTING TREE TO REMAIN; PROTECT IN PLACE
	HYDROSEEDED TURF PER CITY'S SPECIFICATIONS. MIN. 10'-0" AROUND CONSTRUCTION AREA AND INCLUDES ALL EXISTING TURF AREAS DAMAGED BY THIS WORK.



A — DOUBLE STAKING DETAIL

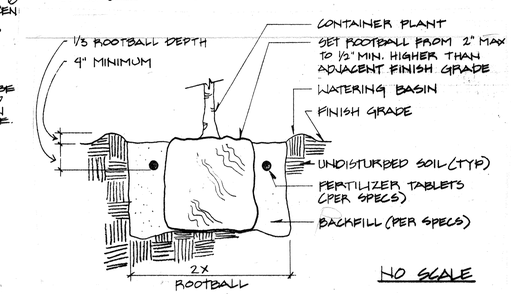


C — PALM TREE RELOCATION

GENERAL PLANTING NOTES

1) Contact the ~~PARK PROJECT~~ Inspector at ~~782-5223~~ 48 hours prior to installing any plant material
2) Trees planted in turf areas shall be maintained with a minimum 12" radius around tree free from turf throughout the maintenance period.
3) Watering basins may be removed after the maintenance period.
4) For staking information as applicable, refer to standard staking detail.
5) For guying information as applicable, refer to standard guying detail.
6) For specification information, refer to City of Riverside Park and Recreation Department Standard Specifications sections 02480/02401.
7) Provide Fertilizer Tablets as follows:

1 gallon plant	2 tablets
5 gallon plant	3 tablets
15 gallon plant	5 tablets
24" box plant	8 tablets



B — PLANTING DETAIL

WHITE PARK
DALES CENTER PARKING LOT
PLANTING PLAN

city of riverside
park & recreation department
(909) 782-5223
3900 MAIN ST RIVERSIDE, CALIFORNIA 92522

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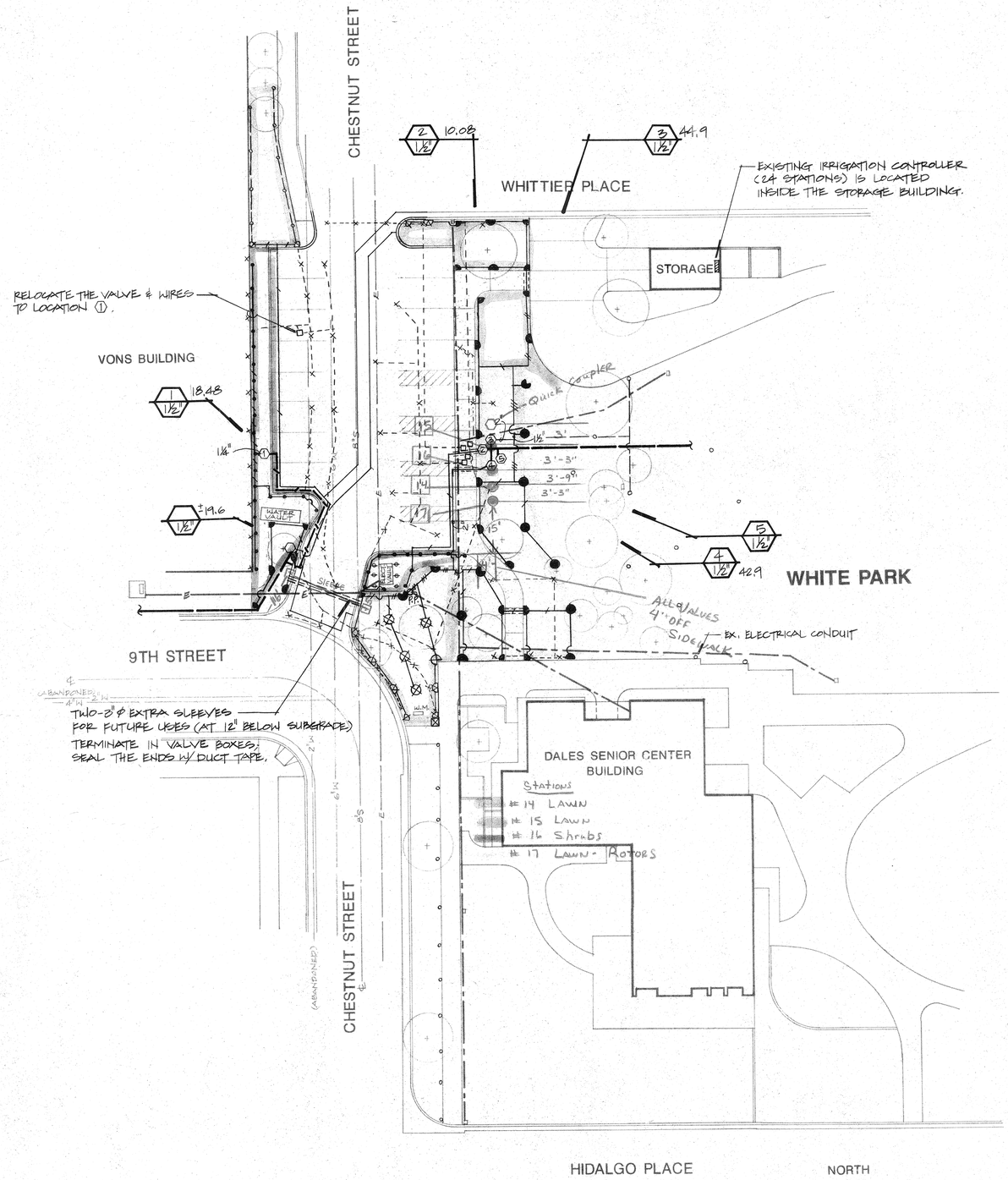

IRRIGATION LEGEND

SYMBOL	MODEL	PATTERN	PSI	RADIUS	GPM	DESCRIPTIONS	
•	TORO 512-30	4/60°	30	3½'	0.84	ADJUSTABLE STREAM BUBBLER ON 12" POP-UP BODY.	
	TORO 570 15-Q	90°	30	15'	1.0	SPRAY HEAD ON 6" POP-UP BODY.	
	TORO 570 15-H	180°	30	15'	2.0	"	"
	TORO 570 15-270	270°	30	15'	3.0	"	"
	TORO 570 15-F	360°	30	15'	4.0	"	"
	TORO 570 12-Q	90°	30	12'	0.8	"	"
	TORO 570 12-H	180°	30	12'	1.1	"	"
	TORO 570 12-270	270°	30	12'	1.5	"	"
	TORO 570 12-F	360°	30	12'	2.1	"	"

- ∘ EXISTING HEAD TO REMAIN.
- × EXISTING HEAD TO BE REMOVED AND ABANDONED.
- ⬡ EXISTING VALVE TO REMAIN.
- ② NEW LOCATION FOR THE RELOCATED VALVE.
- □ EXISTING VALVE TO BE RELOCATED/ABANDONED.

- EXISTING 3" MAIN LINE
- NEW 2" PRESSURE MAINLINE - PVC CLASS 315.
- LATERAL LINE PIPING - PVC CLASS 200, SIZE NOTED. (NEW)
- EXISTING LATERAL LINE PIPING TO REMAIN.
- EXISTING LATERAL LINE PIPING TO BE CAPPED, REMOVED/ABANDONED.
- PIPE SLEEVE FOR IRRIGATION PIPING & WIRE UNDER PAVING - PVC SCH.40 2xDIA. OF PIPE SIZE - REQUIRE UNDER ALL PAVEMENT.

IRRIGATION PIPE SIZING CHART:

SYSTEM WATER VOLUME SHALL NOT EXCEED 70 GALLONS PER MINUTE.
HEADS SHALL BE SPACED TO PROVIDE 100% HEAD-TO-HEAD DOUBLE COVERAGE. LATERAL LINE PIPE SHALL BE SIZED AS FOLLOWS:
[FLOWS NOT TO EXCEED FIVE (5) FEET PER SECOND]

	SYMBOL
0 - 5 GPM: 1/2"	
6 - 10 GPM: 3/4"	
11 - 15 GPM: 1"	
16 - 25 GPM: 1 1/4"	
26 - 35 GPM: 1 1/2"	AS NOTED
36 - 55 GPM: 2"	
56 - 80 GPM: 2 1/2"	

WATER VOLUME EMITTED PER HEAD TO BE USED IN SIZING OF LATERAL LINE PIPE SHALL BE PER MANUFACTURER'S SPECIFICATIONS.

RECEIVED APR 24 1995 PARK & RECREATION PLANNING & DESIGN

Irrigation As-Builts
LeRoys Landscape Services
2-95

WHITE PARK
DALES CENTER PARKING LOT
IRRIGATION PLAN

As-Builts

city of riverside
park & recreation
department
(909) 782-5223
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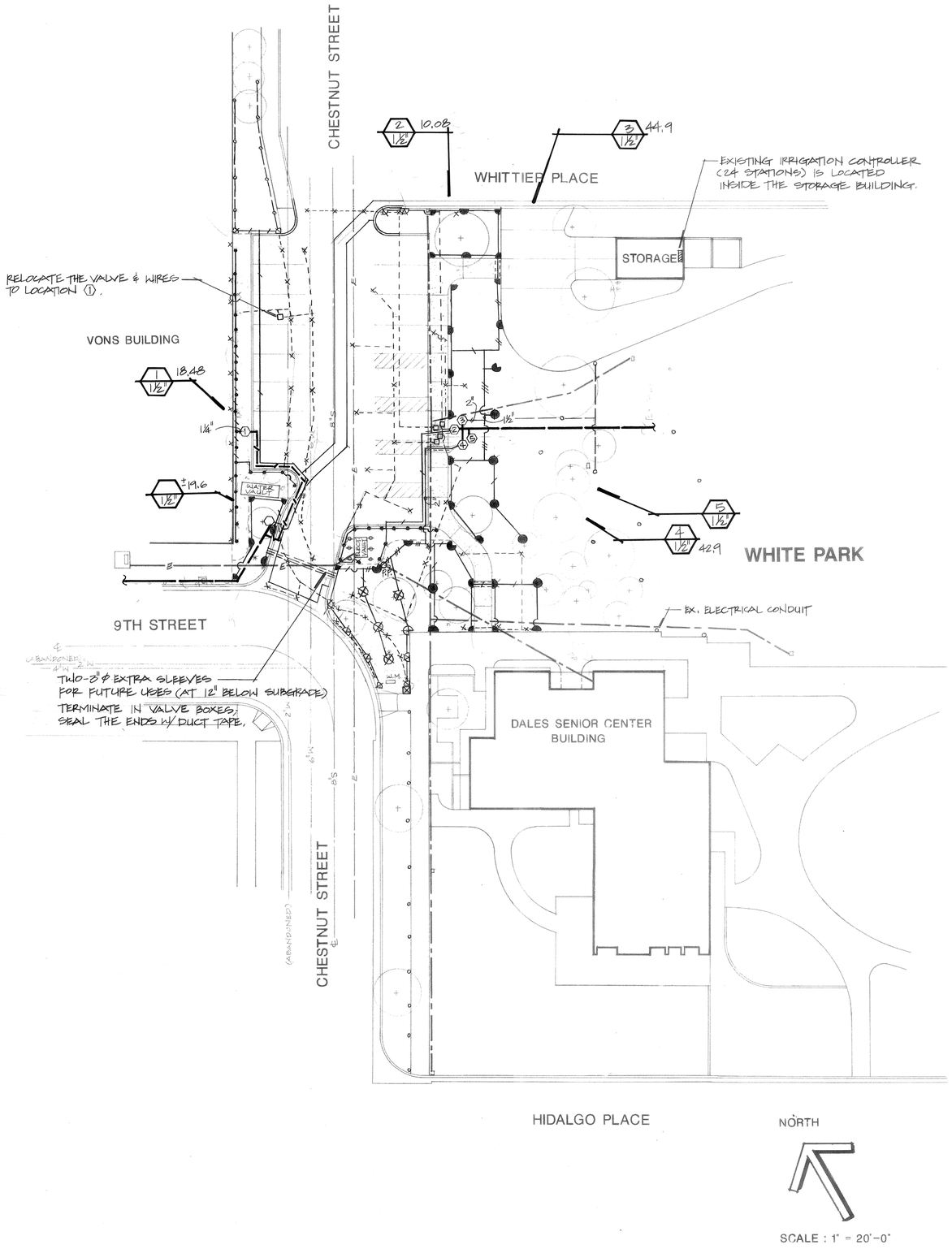

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	TORO 570 15-F	360°	30	15'	4.0	" "
	TORO 570 12-Q	90°	30	12'	0.8	" "
	TORO 570 12-H	180°	30	12'	1.1	" "
	TORO 570 12-270	270°	30	12'	1.5	" "
	TORO 570 12-F	360°	30	12'	2.1	" "

- ∘ EXISTING HEAD TO REMAIN.
- × EXISTING HEAD TO BE REMOVED AND ABANDONED.
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		SYMBOL
0 - 5 GPM:	1/2"	
6 - 10 GPM:	3/4"	
11 - 15 GPM:	1"	
16 - 25 GPM:	1 1/4"	
26 - 35 GPM:	1 1/2"	AS NOTED
36 - 55 GPM:	2"	
56 - 80 GPM:	2 1/2"	

WATER VOLUME EMITTED PER HEAD TO BE USED IN SIZING OF LATERAL LINE PIPE SHALL BE PER MANUFACTURER'S SPECIFICATIONS.

WHITE PARK
DALES CENTER PARKING LOT
IRRIGATION PLAN

city of riverside
park & recreation
department
(909) 782-5223
3900 MAIN ST RIVERSIDE, CALIFORNIA 92522

revisions	by

date	2-3-94
design	EL
drawn	EL
check	
acc't.no.	
SHEET	I-1
	7 of 7