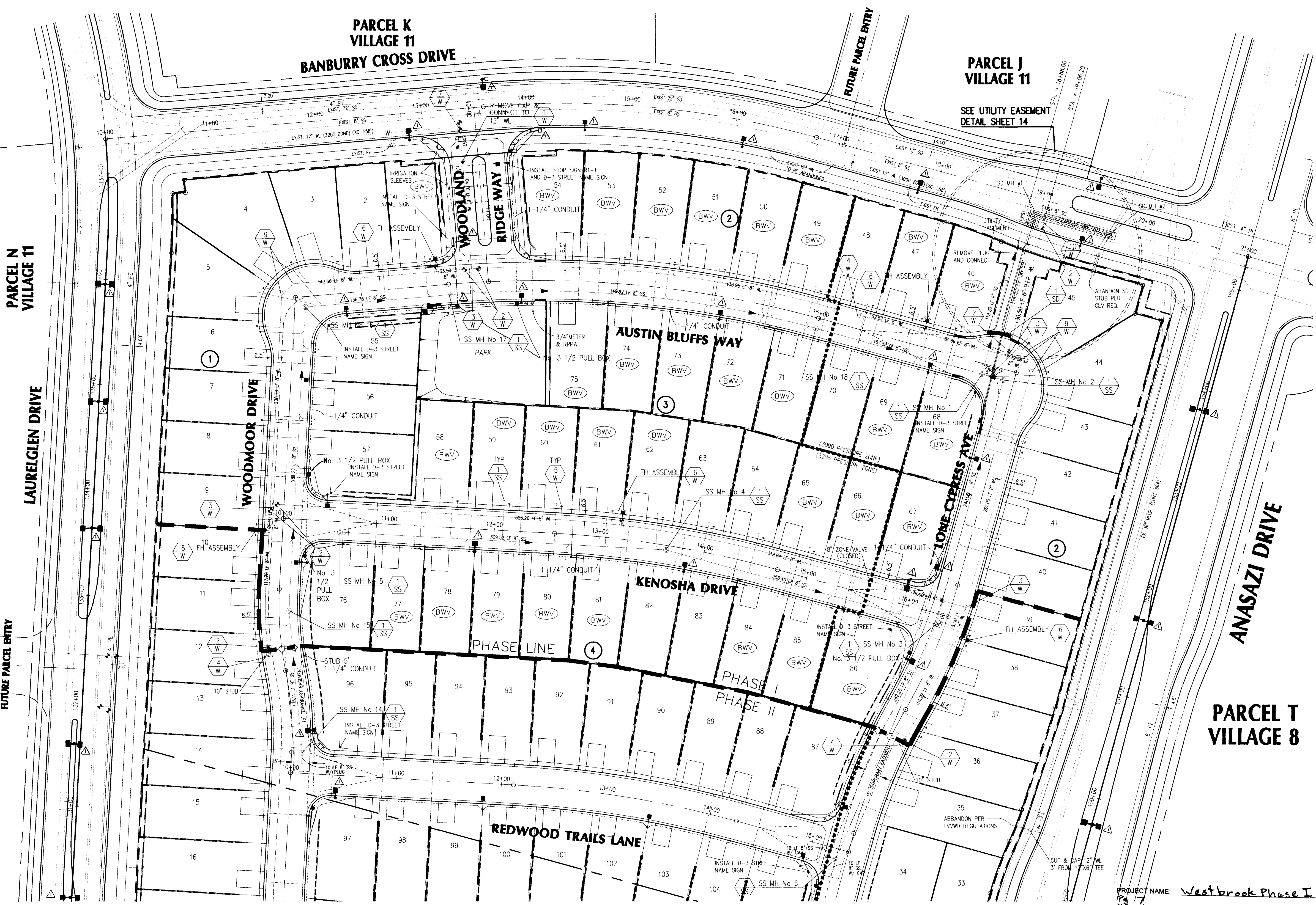


- WATER CONSTRUCTION NOTES:**
- INSTALL WATER PIPES PER SUMNERLIN STD. U-20
 - 1. INSTALL 12" x 8" REDUCER
 - 2. INSTALL 8" GATE VALVE & BOX
 - 3. INSTALL 8" x 8" TEE
 - 4. INSTALL 2" BLOW-OFF & CAP
 - 5. INSTALL 3/4" WATER METER W/ 1" SERVICE
 - 6. INSTALL FH ASSEMBLY
 - 7. GATE VALVE MUST BE IN CLOSED POSITION PRIOR TO REMOVAL OF CAP
 - 8. 8" x 6" TAPPING SLEEVE AND VALVE
 - 9. 8" x 45" BEND
 - 10. 12" x 8" TAPPING TEE

APPROVALS

DESIGNED:	CHECKED:	DATE
<i>[Signature]</i>	<i>[Signature]</i>	1-20-98
<i>[Signature]</i>	<i>[Signature]</i>	2-23-98
<i>[Signature]</i>	<i>[Signature]</i>	1-20-98
<i>[Signature]</i>	<i>[Signature]</i>	1-23-98

NEVADA POWER COMPANY
THIS APPROVAL IS ONLY FOR THE PLACEMENT AND CLEARANCE OF STREET LIGHT AND SIGNAL LIGHT INSTALLATIONS.

BENCHMARK:
CITY OF LAS VEGAS BENCHMARK
OLV0019454 RIVET & PLATE IN TOP OF CURB NW SIDE OF TOWN CENTER DRIVE & SOUTH CIRCLE ISLAND
2728.57 NAVD 1988 DATUM (831.6074 M)

BASIS OF BEARINGS:
NORTH 152°34'6" EAST BEING THE BEARING OF THE CENTERLINE OF ANASAZI DRIVE AS SHOWN BY MAP THEREOF ON FILE IN BOOK 64, PAGE 67 OF PLATS IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.

ABANDONED VALVE CUT AND CAP

ALL VALVES TO BE ABANDONED IN THE CLOSED POSITION, UNLESS OTHERWISE BY REMOVING A MINIMUM OF THE TOP 12 INCHES OF THE VALVE BOX AND THEN FILLING THE REMAINING PORTION OF THE VALVE BOX WITH CONCRETE HAVING A COMPRESSIVE STRENGTH OF AT LEAST 2,000 PSI.

THE CONTRACTOR SHALL CUT THE EXISTING PIPE 3' BEYOND THE ABANDONED VALVE AND INSTALL A CAP WHERE A JOINT OR COUPLING IN THE EXISTING PIPE IS UNCOVERED AT THE CUT AND CAP LOCATION. THE INSTALLATION OF A PLUG MAY BE PERMITTED WITH DISTRICT APPROVAL. THE CONTRACTOR SHALL INSTALL A CONCRETE THRUST BLOCK AT ALL CAP OR PLUG LOCATIONS. IN ACCORDANCE WITH THE PROVISIONS OF THE UDASC PLATE No. 5

QUANTITIES

WATER QUANTITIES - PUBLIC		STORM DRAIN QUANTITIES - PUBLIC	
8" WATER LINE	2215 LF	20.5" MOD. TYPE "C" DROP INLET	1 EA
8" DUCTILE IRON WATER PIPE	131 LF	4" TYPE "A" DROP INLET	1 EA
8" GATE VALVE & BOX	8 EA	18" CLASS III RCP	81 LF
8" x 8" TEE	4 EA	36" CLASS III RCP	186 LF
8" - 45" BEND	4 EA	60" TYPE II MANHOLE	1 EA
12" x 8" REDUCER	1 EA	48" TYPE II MANHOLE	1 EA
STD. FIRE HYDRANT ASSEMBLY W/ 6" GATE VALVE AND 8" x 6" TEE	5 EA	STREET LIGHT QUANTITIES - PUBLIC	
2" BLOWOFF W/ CAP	6 EA	100W H.P.S. TYPE 3	16 EA
3/4" WATER METER W/ 1" SERVICE	64 EA	1 1/4" CONDUIT W/ CONDUCTORS	2700 LF
12" x 8" TAPPING TEE & VALVE	1 EA	#3 1/2" PULLBOX	3 EA
SANITARY SEWER QUANTITIES - PUBLIC		125 SERVICE AMP	1 EA
8" SEWER	2230 LF	8" D.I.P. WL	131 LF
48" MANHOLE	9 EA	3/4" RPPA	1 EA
4" SEWER SERVICE	57 EA	MISCELLANEOUS QUANTITIES - PUBLIC	
SEWER BACKWATER VALVES	32 EA	STD. STREET SIGN W/ POLE (PER STD. DWG. NO. 250)	6 EA

- UTILITY LEGEND**
- ★ FIREHYDRANT
 - I GATE VALVE
 - SSMH# SEWER MANHOLE
 - SSCO# SEWER CLEANOUT
 - SDMH# STORM DRAIN MANHOLE
 - WATER MAIN REDUCER
 - #3 1/2" PULLBOX
 - DOUBLE DETECTOR CHECK VALVE
 - 100W STREET LIGHT
 - STREET LIGHT CONDUIT
 - SEWER BACKWATER VALVE
 - BLOCK NUMBER
 - EXISTING 250W STREET LIGHTS

SEWER CONNECTION NOTE

THE DOWNSIDE SEWER SYSTEM(S) THAT WILL SERVE THIS PROJECT HAS NOT BEEN COMPLETED AND/OR ACCEPTED FOR MAINTENANCE BY THE C.L.V. ANY WORK DONE ON THIS PROJECT PRIOR TO THE COMPLETION AND/OR ACCEPTANCE OF THE DOWNSIDE SEWER SYSTEM(S) SHALL BE DONE AT THE DEVELOPER'S OWN RISK. THE CITY OF LAS VEGAS RESERVES THE RIGHT TO PREVENT THE PHYSICAL CONNECTION OF THIS PROJECT INTO THE DOWNSIDE SEWER SYSTEM UNTIL ALL SEGMENTS HAVE BEEN COMPLETED AND ACCEPTED FOR MAINTENANCE, OR UNTIL SUCH TIME AS THEY HAVE BEEN DEEMED AVAILABLE FOR SERVICE.

PRESSURE ZONE NOTE:
(3205 ZONE)
THIS PROPERTY MAY HAVE STATIC WATER PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL, ON-SITE (PRIVATE), PRESSURE REDUCING VALVES BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRIVATE ARE THE DEVELOPER'S RESPONSIBILITY AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVWD FACILITIES.

STORM DRAIN CONSTRUCTION NOTES:
INSTALL STORM DRAIN PIPES PER SUMNERLIN STD. U-20
1. INSTALL 20.5" MODIFIED TYPE "C" DROP INLET

LOTS WITH BACKWATER VALVES

THE FOLLOWING LOTS ALL REQUIRE SEWER BACKWATER VALVES:
1, 46, 47, 49-54, 58-62, 65-69, 71-75, 77-81, 84-86
PER C.I.S.D. STD. DWG. NO. 50-29

STREET LIGHT NOTES

ALL STREET LIGHT INSTALLATIONS SHALL CONFORM TO THE STANDARD DETAILS AND SPECIFICATIONS OF THE SUMNERLIN IMPROVEMENT STANDARDS. SEE SHEET 6 FOR STREET LIGHT STATIONS.

SEWER CONSTRUCTION NOTES:
ALL SEWERS SHOWN IS PUBLIC AND IS TO BE MAINTAINED BY THE CITY OF LAS VEGAS. INSTALL SEWER PIPES PER SUMNERLIN STD. U-20
1. INSTALL 48" DIA. SEWER MANHOLE
2. INSTALL 4" SEWER SERVICE

PROJECT SEWER FLOW CONTRIBUTIONS - PHASE I

AVERAGE DAILY FLOW	=	0.016 MGD
PEAK DAILY FLOW	=	0.048 MGD

Call before you Dig.
1-800-227-2600
CONSUMER SERVICE, 24 HRS. (702)

Call before you Overhead.
593-6111
OVERHEAD SERVICE ALERT

REVISIONS

No.	Date	Revised
1	4-22-98	REVISED STREET LIGHTS

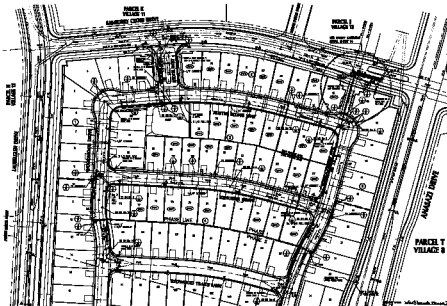
APPROVALS

DESIGNED: *[Signature]* DATE: 1-20-98
DRAWN: *[Signature]* DATE: 2-23-98
CHECKED: *[Signature]* DATE: 1-20-98
JOB NO: 97Y107010
HORIZ: 1"=50'
VERT: N/A
DATE: 8/11/97

THE ARBORS
PARCEL H & I
WESTBROOK PHASE I
UTILITY PLAN

PROJECT: SHEET 7 OF 14
307Y-4541-1

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- EXISTING CONSTRUCTION NOTES**
1. ALL EXISTING UTILITIES TO REMAIN IN PLACE
 2. ALL EXISTING UTILITIES TO BE REMOVED AND REPLACED
 3. ALL EXISTING UTILITIES TO BE REMOVED AND REPLACED
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 7. ALL EXISTING UTILITIES TO BE REMOVED AND REPLACED
 8. ALL EXISTING UTILITIES TO BE REMOVED AND REPLACED

APPROVED

[Signature] 1/1/00

[Signature] 1/1/00

[Signature] 1/1/00

DESIGNER

[Signature] 1/1/00

DATE OF REVISION

1/1/00

APPROVED THIS DAY AND CAP

DATE OF REVISION

1/1/00

QUANTITIES

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1. GRAVEL	100	CU YD	1.00	100.00
2. SAND	100	CU YD	1.00	100.00
3. ASPHALT	100	CU YD	1.00	100.00
4. CEMENT	100	CU YD	1.00	100.00
5. IRON	100	CU YD	1.00	100.00
6. STEEL	100	CU YD	1.00	100.00
7. BRICK	100	CU YD	1.00	100.00
8. CONCRETE	100	CU YD	1.00	100.00
9. GROUT	100	CU YD	1.00	100.00
10. FILL	100	CU YD	1.00	100.00
11. DIRT	100	CU YD	1.00	100.00
12. GRAVEL	100	CU YD	1.00	100.00
13. SAND	100	CU YD	1.00	100.00
14. ASPHALT	100	CU YD	1.00	100.00
15. CEMENT	100	CU YD	1.00	100.00
16. IRON	100	CU YD	1.00	100.00
17. STEEL	100	CU YD	1.00	100.00
18. BRICK	100	CU YD	1.00	100.00
19. CONCRETE	100	CU YD	1.00	100.00
20. GROUT	100	CU YD	1.00	100.00
21. FILL	100	CU YD	1.00	100.00
22. DIRT	100	CU YD	1.00	100.00
23. GRAVEL	100	CU YD	1.00	100.00
24. SAND	100	CU YD	1.00	100.00
25. ASPHALT	100	CU YD	1.00	100.00
26. CEMENT	100	CU YD	1.00	100.00
27. IRON	100	CU YD	1.00	100.00
28. STEEL	100	CU YD	1.00	100.00
29. BRICK	100	CU YD	1.00	100.00
30. CONCRETE	100	CU YD	1.00	100.00
31. GROUT	100	CU YD	1.00	100.00
32. FILL	100	CU YD	1.00	100.00
33. DIRT	100	CU YD	1.00	100.00
34. GRAVEL	100	CU YD	1.00	100.00
35. SAND	100	CU YD	1.00	100.00
36. ASPHALT	100	CU YD	1.00	100.00
37. CEMENT	100	CU YD	1.00	100.00
38. IRON	100	CU YD	1.00	100.00
39. STEEL	100	CU YD	1.00	100.00
40. BRICK	100	CU YD	1.00	100.00
41. CONCRETE	100	CU YD	1.00	100.00
42. GROUT	100	CU YD	1.00	100.00
43. FILL	100	CU YD	1.00	100.00
44. DIRT	100	CU YD	1.00	100.00
45. GRAVEL	100	CU YD	1.00	100.00
46. SAND	100	CU YD	1.00	100.00
47. ASPHALT	100	CU YD	1.00	100.00
48. CEMENT	100	CU YD	1.00	100.00
49. IRON	100	CU YD	1.00	100.00
50. STEEL	100	CU YD	1.00	100.00
51. BRICK	100	CU YD	1.00	100.00
52. CONCRETE	100	CU YD	1.00	100.00
53. GROUT	100	CU YD	1.00	100.00
54. FILL	100	CU YD	1.00	100.00
55. DIRT	100	CU YD	1.00	100.00
56. GRAVEL	100	CU YD	1.00	100.00
57. SAND	100	CU YD	1.00	100.00
58. ASPHALT	100	CU YD	1.00	100.00
59. CEMENT	100	CU YD	1.00	100.00
60. IRON	100	CU YD	1.00	100.00
61. STEEL	100	CU YD	1.00	100.00
62. BRICK	100	CU YD	1.00	100.00
63. CONCRETE	100	CU YD	1.00	100.00
64. GROUT	100	CU YD	1.00	100.00
65. FILL	100	CU YD	1.00	100.00
66. DIRT	100	CU YD	1.00	100.00
67. GRAVEL	100	CU YD	1.00	100.00
68. SAND	100	CU YD	1.00	100.00
69. ASPHALT	100	CU YD	1.00	100.00
70. CEMENT	100	CU YD	1.00	100.00
71. IRON	100	CU YD	1.00	100.00
72. STEEL	100	CU YD	1.00	100.00
73. BRICK	100	CU YD	1.00	100.00
74. CONCRETE	100	CU YD	1.00	100.00
75. GROUT	100	CU YD	1.00	100.00
76. FILL	100	CU YD	1.00	100.00
77. DIRT	100	CU YD	1.00	100.00
78. GRAVEL	100	CU YD	1.00	100.00
79. SAND	100	CU YD	1.00	100.00
80. ASPHALT	100	CU YD	1.00	100.00
81. CEMENT	100	CU YD	1.00	100.00
82. IRON	100	CU YD	1.00	100.00
83. STEEL	100	CU YD	1.00	100.00
84. BRICK	100	CU YD	1.00	100.00
85. CONCRETE	100	CU YD	1.00	100.00
86. GROUT	100	CU YD	1.00	100.00
87. FILL	100	CU YD	1.00	100.00
88. DIRT	100	CU YD	1.00	100.00
89. GRAVEL	100	CU YD	1.00	100.00
90. SAND	100	CU YD	1.00	100.00
91. ASPHALT	100	CU YD	1.00	100.00
92. CEMENT	100	CU YD	1.00	100.00
93. IRON	100	CU YD	1.00	100.00
94. STEEL	100	CU YD	1.00	100.00
95. BRICK	100	CU YD	1.00	100.00
96. CONCRETE	100	CU YD	1.00	100.00
97. GROUT	100	CU YD	1.00	100.00
98. FILL	100	CU YD	1.00	100.00
99. DIRT	100	CU YD	1.00	100.00
100. GRAVEL	100	CU YD	1.00	100.00

- UTILITY LEGEND**
- 1. WATER
 - 2. SEWER
 - 3. GAS
 - 4. ELECTRIC
 - 5. TELEPHONE
 - 6. CABLE
 - 7. FIBER OPTIC
 - 8. RAILROAD
 - 9. HIGHWAY
 - 10. AIRPORT
 - 11. MARINA
 - 12. PORT
 - 13. CANAL
 - 14. LAKE
 - 15. RIVER
 - 16. OCEAN
 - 17. MOUNTAIN
 - 18. HILL
 - 19. VALLEY
 - 20. PLAIN
 - 21. DESERT
 - 22. TROPIC
 - 23. ARCTIC
 - 24. ANTARCTIC
 - 25. SPACE
 - 26. TIME
 - 27. MONEY
 - 28. POWER
 - 29. KNOWLEDGE
 - 30. LOVE
 - 31. HATE
 - 32. WAR
 - 33. PEACE
 - 34. DEATH
 - 35. LIFE
 - 36. SLEEP
 - 37. WAKE
 - 38. EAT
 - 39. DRINK
 - 40. SMOK
 - 41. LAUGH
 - 42. CRY
 - 43. THINK
 - 44. FEEL
 - 45. BELIEVE
 - 46. DUBIOUS
 - 47. KNOW
 - 48. UNDERSTAND
 - 49. REMEMBER
 - 50. FORGET
 - 51. EXPECT
 - 52. SURPRISE
 - 53. DISAPPOINT
 - 54. SATISFY
 - 55. DISAPPOINT
 - 56. SURE
 - 57. UNSURE
 - 58. CERTAIN
 - 59. UNCERTAIN
 - 60. POSITIVE
 - 61. NEGATIVE
 - 62. OPTIMISTIC
 - 63. PESSIMISTIC
 - 64. REALISTIC
 - 65. IDEALISTIC
 - 66. PRAGMATIC
 - 67. THEORETICAL
 - 68. PRACTICAL
 - 69. EXPERIMENTAL
 - 70. OBSERVATIONAL
 - 71. ANALYTICAL
 - 72. SYNTHETICAL
 - 73. CREATIVE
 - 74. INNOVATIVE
 - 75. IMAGINATIVE
 - 76. DREAMER
 - 77. REALIST
 - 78. OPTIMIST
 - 79. PESSIMIST
 - 80. REALIST
 - 81. OPTIMIST
 - 82. PESSIMIST
 - 83. REALIST
 - 84. OPTIMIST
 - 85. PESSIMIST
 - 86. REALIST
 - 87. OPTIMIST
 - 88. PESSIMIST
 - 89. REALIST
 - 90. OPTIMIST

EXISTING CONSTRUCTION NOTES

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EXISTING CONSTRUCTION NOTES - PHASE 1

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LOCAL SITE BACKLASH VALUES

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