Appendix H PRELIMINARY GRADING AND DRAINAGE PLANS

LEGEND:

DRAINAGE AREA (COLOR VARIES)

TC FLOW PATH

HYDROLOGY LEGEND

DRAINAGE AREA

1 — AREA (AC.)

1.813Ac.

Q_{50}= 0.47 CFS — CALCULATED 50-YEAR FLOW RATE

Q_{10}= 0.56 CFS — CALCULATED 10-YEAR FLOW RATE

Q_{85TH}= 0.08 CFS — CALCULATED 85TH PERCENTILE FLOW RATE

HYDROLOGY DATA

ISOHYET (85th PERCENTILE)	1.0"
ISOHYET (50-YR)	6.7"
SOIL TYPE	5

* RESULTS WERE BASED ON USING LOS ANGELES COUNTY HYDROCALC SOFTWARE

SCALE 1"=60'

60' 0' 60' 120'

GRAPHIC SCALE

SEC.

REVISIONS

DATE	NO.	DESCRIPTION	BY	CH'K	APP
MM/DD/YY	A	PRELIMINARY FOR DISCUSSION	XXX	YYY	ZZZ

DES:

DWN: CH'K:

APPROVED:

PRINCIPAL ELECTRICAL ENGINEER

SCALE:

DATE:

(AutoCAD)

GRAYSON REPOWERING PROJECT
PRELIMINARY HYDROLOGY STUDY
EXISTING CONDITIONS

GLENDALE WATER & POWER
CITY OF GLENDALE
CALIFORNIA

SHEET: C-103

6775

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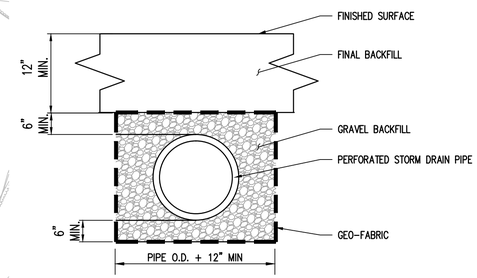
LEGEND:

- PROPERTY BOUNDARY
- EXISTING CONTOUR
- 465 PROPOSED CONTOUR
- 464.30 FL EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- 15" ST EXISTING STORM DRAIN PIPE
- 12"SD PROPOSED STORM DRAIN PIPE
- PROPOSED STORM DRAIN INLET
- L=48.5 S=0.005 PROPOSED STORM DRAIN LENGTH AND SLOPE
- PROPOSED STORMWATER INFILTRATION PIPE
- LIMIT OF GRADING



STORMWATER INFILTRATION SYSTEM DETAIL

SCALE 1"=40'

40' 0' 40' 80'

GRAPHIC SCALE

SEC.

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DATE	NO.	DESCRIPTION	BY	CH'K	APP
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APPROVED:
PRINCIPAL ELECTRICAL ENGINEER
SCALE:
DATE:

(AutoCAD)

GRAYSON REPOWERING PROJECT
PRELIMINARY GRADING
AND DRAINAGE PLAN

GLENDALE WATER & POWER
CITY OF GLENDALE
CALIFORNIA

SHEET: C-103

6775

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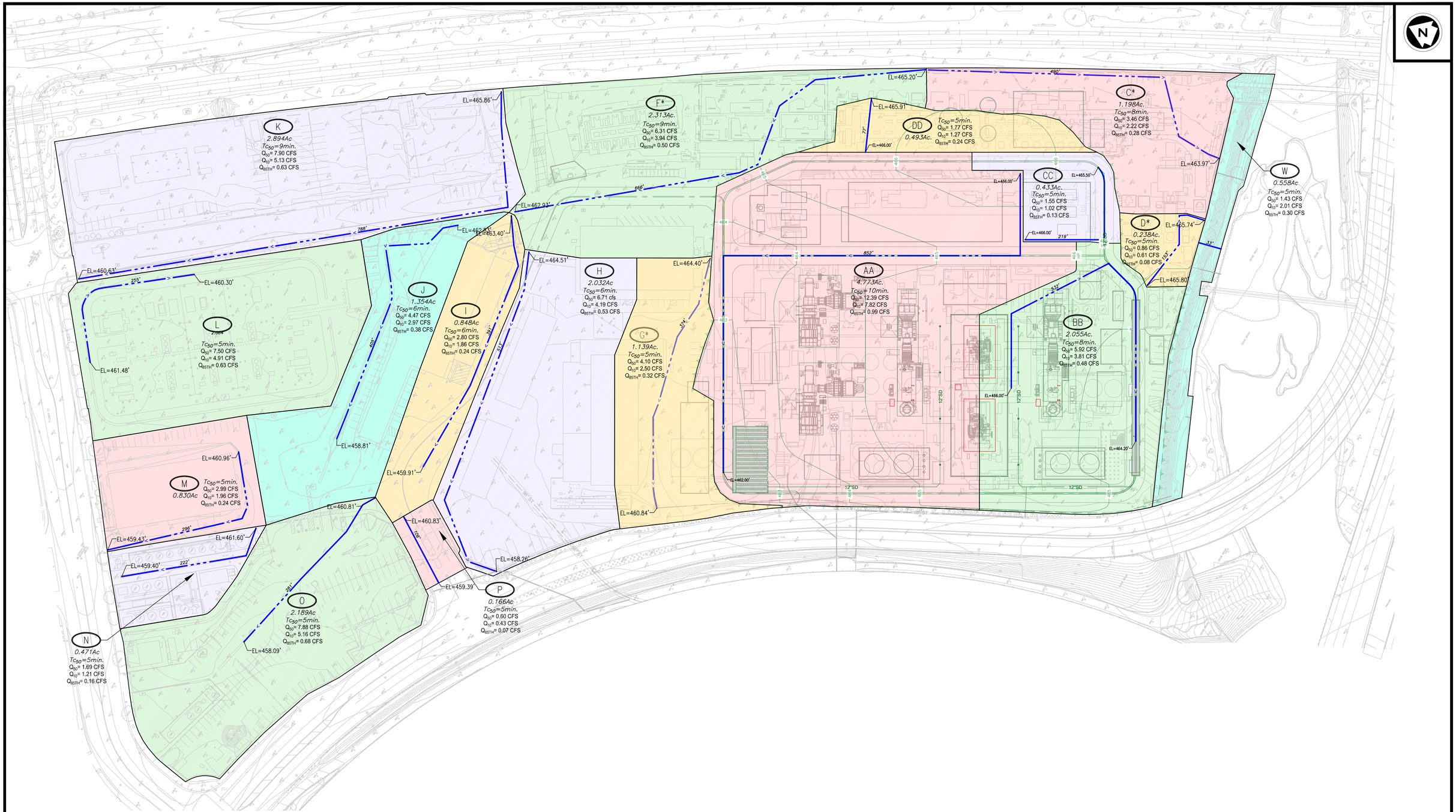

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REVISIONS					
DATE	NO.	DESCRIPTION	BY	CH'K	APP
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DES:
DWN: CH'K:
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SCALE:
DATE:

(AutoCAD)

GRAYSON REPOWERING PROJECT
PRELIMINARY HYDROLOGY STUDY
PROPOSED CONDITIONS

GLENDALE WATER & POWER
CITY OF GLENDALE
CALIFORNIA

SHEET: C-103

6775

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