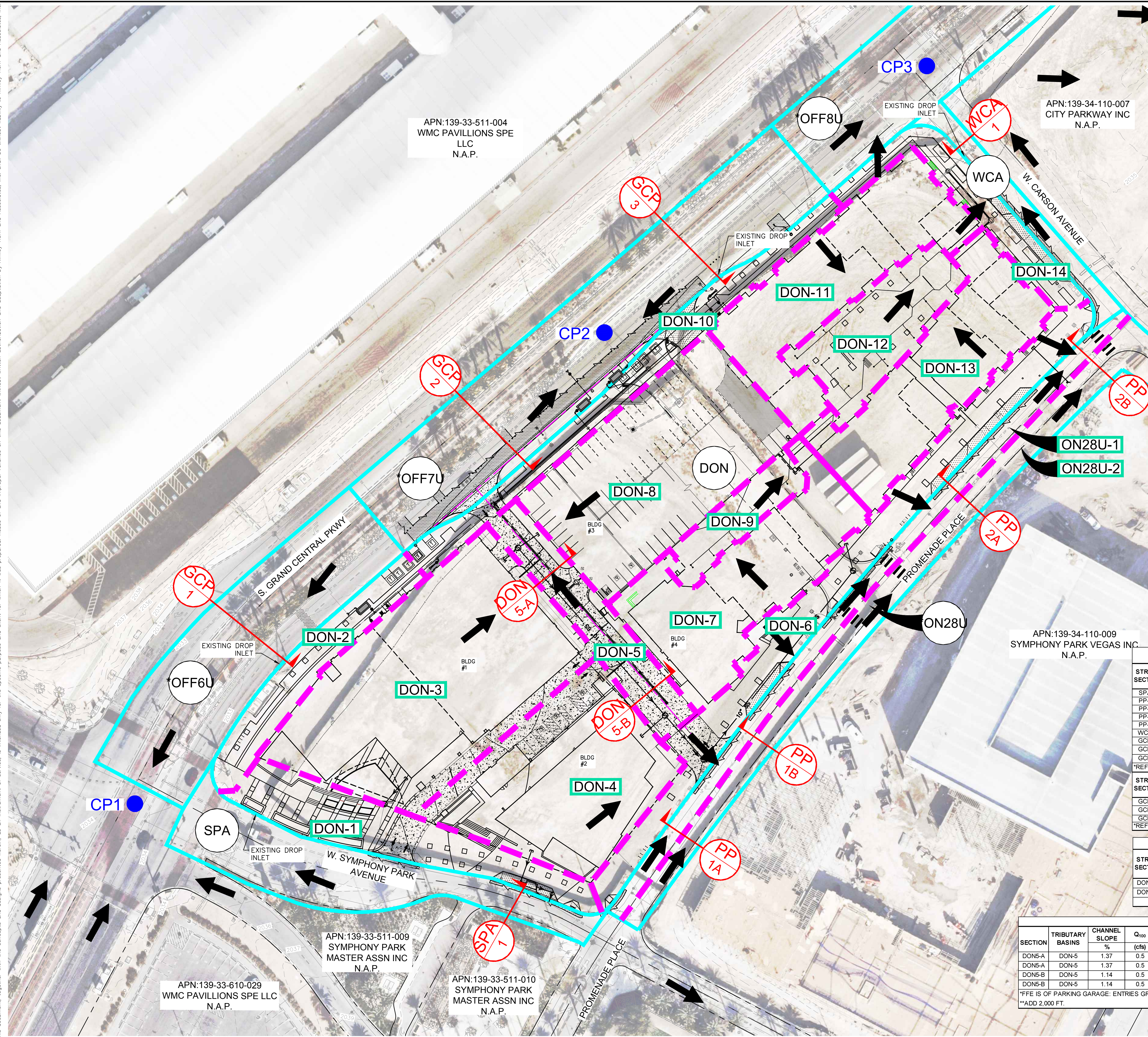


Appendix A – Documents & Figures

- ULT Ultimate Condition Basin Map
- WSPG WSPG Exhibit

This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



LEGEND

- SITE BASIN ID
- BASIN BOUNDARY
- PRORATE BASIN BOUNDARY
- XX/XX CFS** 10YR/100YR CFS
- ➔ FLOW ARROW
- CPX CONCENTRATION POINT
- X
XX SECTION ID
- XXX-X PRORATED BASIN ID

ULTIMATE CONDITION FLOW SUMMARY

| BASIN ID / COMB. PT | BASIN AREA (ac) | 100-YR FLOW (cfs) | 10 YR FLOW (cfs) |
|---------------------|-----------------|-------------------|------------------|
| *OFF6U | 0.93 | 3 | 2 |
| SPA | 0.39 | 1 | 1 |
| CP1 | - | (4) 5.5 | 2 |
| *OFF7U | 0.82 | 3 | 2 |
| DON | 5.35 | (15) 13 | 8 |
| *OFF8U | 0.90 | 3 | 2 |
| CP2 | 0.10 | 1 | <1 |
| CP3 | - | (4) 4.5 | 2 |
| *ON28U | 1.14 | 4 | 2 |

() = HEC-1 FLOWS
*REFERENCED FROM THE UNION STUDY

ULTIMATE CONDITION PRORATED FLOW SUMMARY

| Ultimate Onsite | | | |
|-----------------|------------------------|-----------|----------|
| SUBBASIN | Q ₁₀₀ (cfs) | AREA (ac) | CFS/ACRE |
| DON | 15 | 5.35 | 2.80 |

| Ultimate Onsite Prorated Basins | | | |
|---------------------------------|------------------------|-----------|----------|
| SUBBASIN | Q ₁₀₀ (cfs) | AREA (ac) | CFS/ACRE |
| DON-1 | 1.0 | 0.29 | 2.80 |
| DON-2 | 0.5 | 0.19 | 2.80 |
| DON-3 | 2.5 | 0.87 | 2.80 |
| DON-4 | 1.5 | 0.55 | 2.80 |
| DON-5 | 0.5 | 0.20 | 2.80 |
| DON-6 | 1.5 | 0.48 | 2.80 |
| DON-7 | 1.5 | 0.45 | 2.80 |
| DON-8 | 2.0 | 0.63 | 2.80 |
| DON-9 | <1 | 0.12 | 2.80 |
| DON-10 | 0.5 | 0.26 | 2.80 |
| DON-11 | 1.5 | 0.45 | 2.80 |
| DON-12 | 0.5 | 0.25 | 2.80 |
| DON-13 | 1.0 | 0.43 | 2.80 |
| DON-14 | 0.5 | 0.18 | 2.80 |
| TOTAL | 15 | 5.35 | NA |

| Ultimate Offsite | | | |
|------------------|------------------------|-----------|----------|
| SUBBASIN | Q ₁₀₀ (cfs) | AREA (ac) | CFS/ACRE |
| *ON28U | 4 | 1.14 | 3.51 |

| Ultimate Offsite Prorated Basins | | | |
|----------------------------------|------------------------|-----------|----------|
| SUBBASIN | Q ₁₀₀ (cfs) | AREA (ac) | CFS/ACRE |
| ON28U-1 | 1 | 0.25 | 3.51 |
| ON28U-2 | 3 | 0.89 | 3.51 |
| TOTAL | 4 | 1.14 | NA |

STREET HYDRAULIC SECTIONS

| STREET SECTION | TRIBUTARY BASINS | CHANNEL SLOPE % | Q ₁₀₀ (cfs) | FLOW DEPTH (ft) | VELOCITY (ft/s) | D ² /V |
|----------------|---------------------------|-----------------|------------------------|-----------------|-----------------|-------------------|
| SPA-1 | SPA | 2.09 | 1.0 | 0.25 | 2.49 | 0.62 |
| PP-1A | (1/4)DON-6 + (1/4)ON28U-1 | 0.67 | 0.6 | 0.26 | 1.42 | 0.37 |
| PP-1B | (1/2)DON-6 + (1/2)ON28U-1 | 0.67 | 1.5 | 0.32 | 1.69 | 0.54 |
| PP-2A | (3/4)DON-6 + (3/4)ON28U-1 | 0.61 | 1.9 | 0.33 | 1.92 | 0.63 |
| PP-2B | DON-6 + *ON28U-1 | 0.81 | 2.5 | 0.36 | 2.04 | 0.73 |
| WCA-1 | WCA + DON-14 | 1.17 | 1.5 | 0.30 | 2.12 | 0.64 |
| GCP-1 | DON-2 + (1/2)OFF6U | 0.50 | 2.0 | 0.34 | 1.49 | 0.51 |
| GCP-2 | (1/2)DON-10 + (1/2)OFF7U | 0.42 | 1.8 | 0.34 | 1.34 | 0.46 |
| GCP-3 | (1/2)DON-10 + (1/2)OFF7U | 0.30 | 1.8 | 0.35 | 1.18 | 0.41 |

*REFERENCED FROM THE UNION STUDY

ONSITE HYDRAULIC SECTIONS

| STREET SECTION | TRIBUTARY BASINS | CHANNEL SLOPE % | Q ₁₀₀ (cfs) | FLOW DEPTH (ft) | VELOCITY (ft/s) | D ² /V |
|----------------|--------------------------|-----------------|------------------------|-----------------|-----------------|-------------------|
| GCP-1 | DON-2 + (1/2)OFF6U | 0.50 | 1.0 | 0.29 | 1.17 | 0.37 |
| GCP-2 | (1/2)DON-10 + (1/2)OFF7U | 0.42 | 1.0 | 0.30 | 1.29 | 0.36 |
| GCP-3 | (1/2)DON-10 + (1/2)OFF7U | 0.30 | 1.0 | 0.31 | 1.04 | 0.32 |

*REFERENCED FROM THE UNION STUDY

ONSITE HYDRAULIC SECTIONS - FFE TABLE

| SECTION | TRIBUTARY BASINS | CHANNEL SLOPE % | Q ₁₀₀ (cfs) | FLOW DEPTH (ft) | **FLOW LINE (ft) | **FLOW LINE + 2D (ft) | **FFE BLDG 1 (ft) | **FFE BLDG 2 (ft) | **FFE BLDG 3 (ft) | **FFE BLDG 4 (ft) | BLDG PROTECTED? |
|---------|------------------|-----------------|------------------------|-----------------|------------------|-----------------------|-------------------|-------------------|-------------------|-------------------|-----------------|
| DON5-A | DON-5 | 1.37 | 0.5 | 0.07 | 36.49 | 36.63 | 34.00 | - | - | - | *NO |
| DON5-A | DON-5 | 1.37 | 0.5 | 0.07 | 36.49 | 36.63 | - | - | 33.13 | - | *NO |
| DON5-B | DON-5 | 1.14 | 0.5 | 0.19 | 40.10 | 40.48 | - | 42.00 | - | - | YES |
| DON5-B | DON-5 | 1.14 | 0.5 | 0.19 | 40.10 | 40.48 | - | - | - | 41.50 | YES |

*FFE IS OF PARKING GARAGE. ENTRIES GRADED TO PREVENT FLOWS FROM ENTERING.
**ADD 2,000 FT.

APN: 139-33-511-004
WMC PAVILLIONS SPE LLC
N.A.P.

APN: 139-34-110-007
CITY PARKWAY INC
N.A.P.

APN: 139-34-110-009
SYMPHONY PARK VEGAS INC
N.A.P.

APN: 139-33-511-009
SYMPHONY PARK MASTER ASSN INC
N.A.P.

APN: 139-33-511-010
SYMPHONY PARK MASTER ASSN INC
N.A.P.

APN: 139-33-610-029
WMC PAVILLIONS SPE LLC
N.A.P.

Kimley-Horn

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6671 LAS VEGAS BOULEVARD S., SUITE 320
LAS VEGAS, NV 89119
WWW.KIMLEY-HORN.COM
PHONE: 702-862-3600

ULTIMATE CONDITION DRAINAGE MAP

SYMPHONY PARK BLOCKS C&D PREPARED FOR SYMPHONY PARK

REVISIONS

| No. | DATE | BY |
|-----|------|----|
| | | |

KHA PROJECT 192005001

DATE 11/10/2021

SCALE AS SHOWN

DESIGNED BY JWD

DRAWN BY JWD

CHECKED BY MS

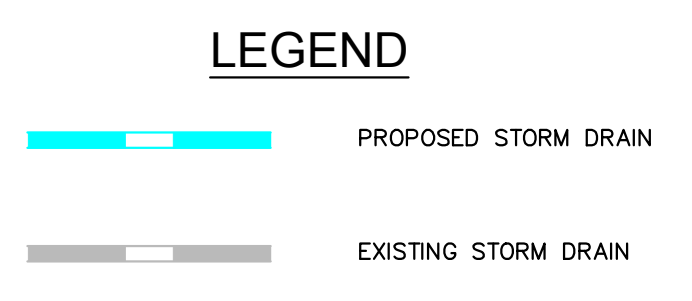
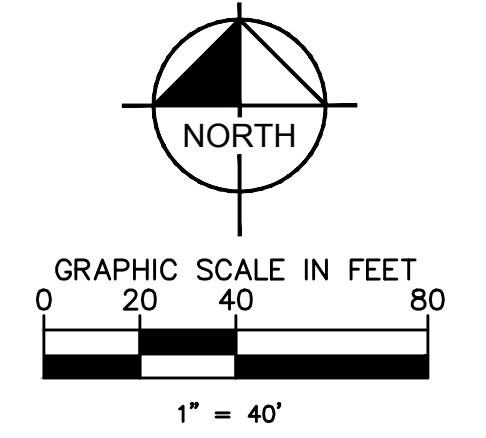
DATE:

NEVADA

CITY OF LAS VEGAS

ULT-1

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| SYMPHONY_CD_MAIN1 | | |
|-------------------|------------------------|------------------|
| WSPG Station | Q ₁₀₀ (cfs) | WSPGW Depth (ft) |
| 10+00.00 | 6.5 | 1.50 |
| 10+44.97 | 6.5 | 0.78 |
| 10+48.97 | 6.5 | 0.80 |
| 12+27.66 | 6.5 | 0.81 |
| 12+31.66 | 6.5 | 0.81 |
| 12+94.79 | 6.5 | 0.99 |
| 12+99.94 | 4.0 | 1.47 |
| 13+29.26 | 4.0 | 1.10 |
| 13+33.26 | 2.0 | 1.24 |
| 14+84.18 | 2.0 | 0.53 |



| | |
|-------------|------------|
| KHA PROJECT | 192005001 |
| DATE | 06/21/2021 |
| SCALE | AS SHOWN |
| DESIGNED BY | JD |
| DRAWN BY | JD |
| CHECKED BY | MS |
| DATE | |

WSPG FIGURE

**SYMPHONY PARK
BLOCKS C&D
PREPARED FOR
SYMPHONY PARK**

CITY OF LAS VEGAS NEVADA

WSPG

| No. | REVISIONS | DATE | BY |
|-----|-----------|------|----|
| | | | |