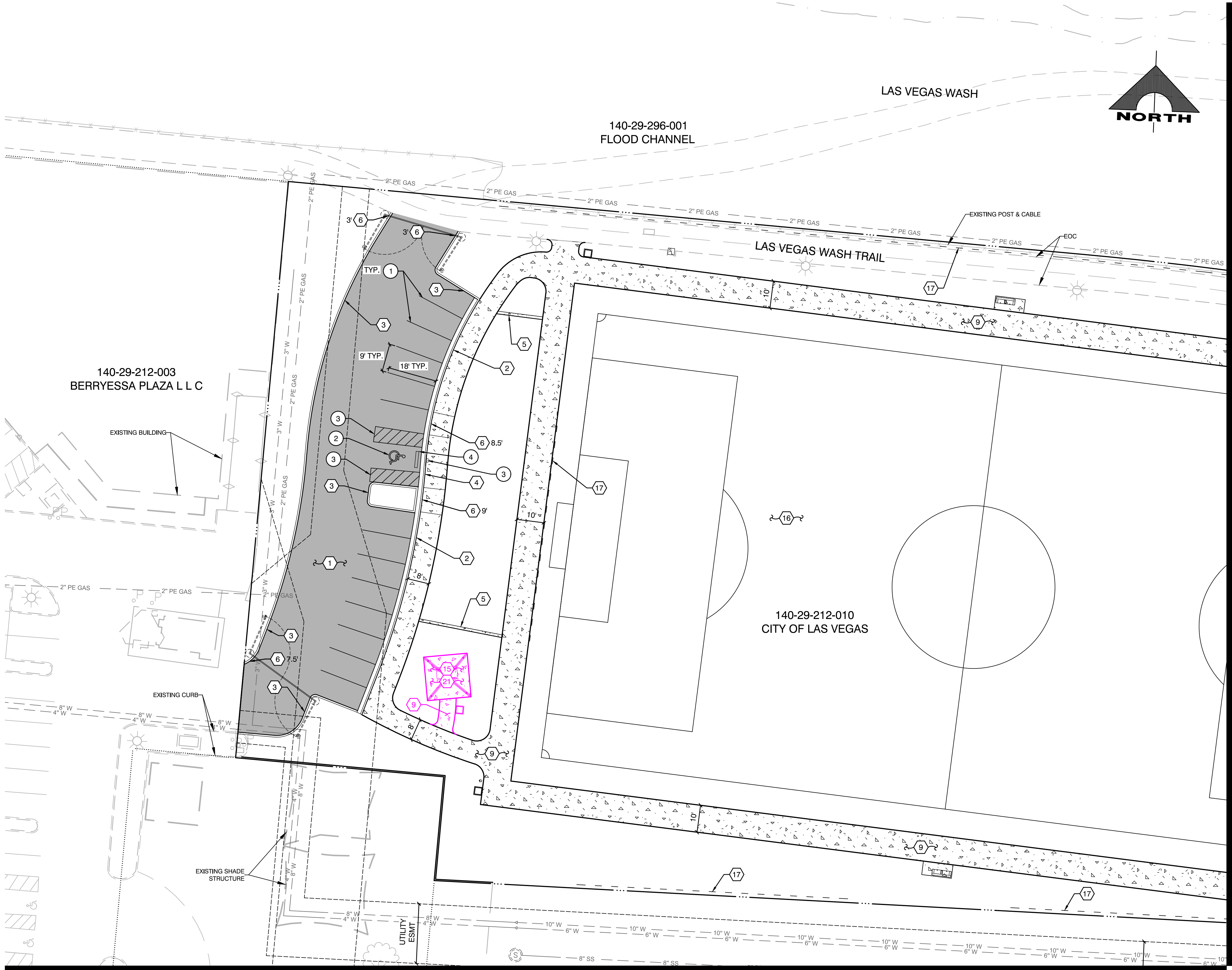




MATCHLINE - SEE SHEET C3.02

CONSTRUCTION NOTES

1. CONSTRUCT PLANTMIX BITUMINOUS SURFACE OVER TYPE II AGGREGATE BASE (SEE SECTION 4, SHEET C3.07)
2. CONSTRUCT CONCRETE 'L' TYPE CURB & GUTTER (USDCCA STD. DWG. NO. 216 SHEET C3.10)
3. CONSTRUCT CONCRETE 'A' TYPE CURB (USDCCA STD. DWG. NO. 219 SHEET C3.10)
4. CONSTRUCT CONCRETE 'ZERO' TYPE CURB (SEE DETAIL 1, SHEET C3.07)
5. CONSTRUCT CONCRETE 'LANDSCAPE' TYPE CURB (SEE DETAIL 2, SHEET C3.07)
6. CONSTRUCT CURB TRANSITION (SEE DETAIL 1, SHEET C3.08)
7. CONSTRUCT CONCRETE BUS TURN-OUT (USDCCA STD. DWG. NO. 234.1 SHEET C3.11)
8. CONSTRUCT CONCRETE MEDIAN ISLAND (USDCCA STD. DWG. NO. 218 SHEET C3.10)
9. CONSTRUCT CONCRETE SIDEWALK (WIDTH VARIES) (USDCCA STD. DWG. NO. 234 SHEET C3.11)
10. CONSTRUCT SIDEWALK RAMP - CASE I WITH TACTILE WARNING PANEL (USDCCA STD. DWG. NO. 235 SHEET C3.10)
11. CONSTRUCT SIDEWALK RAMP - CASE II WITH TACTILE WARNING PANEL (USDCCA STD. DWG. NO. 235 SHEET C3.10)
12. CONSTRUCT CONCRETE SLAB AND RESTROOM (SEE SECTION 4, SHEET C3.07 & ARCHITECTURE PLANS)
13. CONSTRUCT POST-TENSIONED CONCRETE SLAB (SEE SHEET S1.00)
14. CONSTRUCT TRASH ENCLOSURE (SEE DETAIL 'X', SHEET 'X')
15. CONSTRUCT ON-GRADE SLAB (SEE SECTION 4, SHEET C3.07)
16. INSTALL SYNTHETIC TURF (SEE DETAIL E, SHEET L4.01)
17. INSTALL 26' TALL SOCCER NET (SEE DETAILS B & C, SHEET L4.05)
18. INSTALL 8' TALL BASKETBALL SAFETY BARRIER NET (SEE DETAIL D, SHEET L4.06)
19. CONSTRUCT DG-PATH (SEE DETAIL A, SHEET L4.03)
20. INSTALL CANOPY (SEE SHEETS L5.01-L5.04)
21. INSTALL RAMADA (SEE SHEETS L5.05-L5.12)
22. INSTALL TACTILE WARNING PANEL (USDCCA STD. DWG. NO. 235 SHEET C3.10)
23. CONSTRUCT CONCRETE 'L' TYPE ISLAND CURB & GUTTER (USDCCA STD. DWG. NO. 219 SHEET C3.10)
24. CONSTRUCT SIDEWALK DRAIN (USDCCA STD. DWG. NO. 236 SHEET C3.11)
25. UTACS OVERLAY (1-INCH)
26. CONSTRUCT CONCRETE CROSS GUTTER (USDCCA STD. DWG. NO. 228 SHEET C3.11)

NOTES:
1. SEE LANDSCAPING PLANS FOR CONCRETE FINISH AND/OR COLOR.

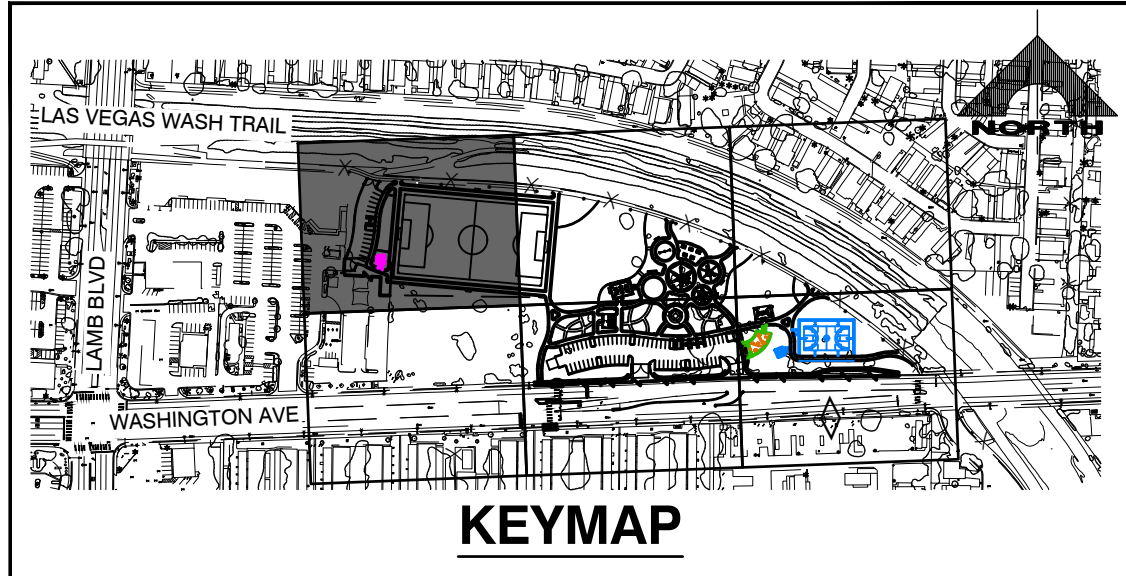
TRAFFIC NOTES

1. 4" SOLID WHITE (PAINT)
2. ACCESSIBLE DISABLED LEGEND (PAINT)(SEE DETAIL 5, SHEET C3.09)
3. INSTALL ADA ACCESSIBLE STALL SIGNING AND STRIPING (PAINT) (SEE DETAILS 7, SHEET C3.09)
4. INSTALL PRECAST BUMPER BLOCKS (USDCCA STD. DWG. NO. 238 SHEET C3.11)
5. INSTALL SIGN(S)(GROUND MOUNTED)
6. INSTALL SIGN(S)(POLE MOUNTED)
7. 24" WHITE CROSSWALK (PMF-NDOT TYPE 2) (USDCCA STD. DWG. NO. 254.1.S1 SHEET C3.11)
8. PEDESTRIAN FLASHER (SEE SHEET C8.01)
9. 24" WHITE YIELD LINE (PMF-NDOT TYPE 2)
- R. REMOVE EXISTING SIGN(S)
- E. EXISTING SIGN(S) TO REMAIN

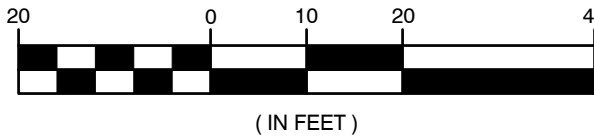
NOTES:
1. SEE FLASHER PLAN (SHT C8.01) FOR POLE MOUNTED SIGNS
2. POSITION R1-5 SIGN TO AVOID BLOCKING VIEW OF W11-2 SIGN

LEGEND

	ADDITIVE ALTERNATE 1
	ADDITIVE ALTERNATE 2
	ADDITIVE ALTERNATE 3
	ADDITIVE ALTERNATE 4
	CONSTRUCT PLANTMIX BITUMINOUS SURFACE (SEE TYPICAL SECTIONS FOR PAVEMENT SECTION)
	1-INCH UTACS OVERLAY
	CONSTRUCT CONCRETE
	CONSTRUCT DG PATH



GRAPHIC SCALE



CALL BEFORE CONSTRUCTION

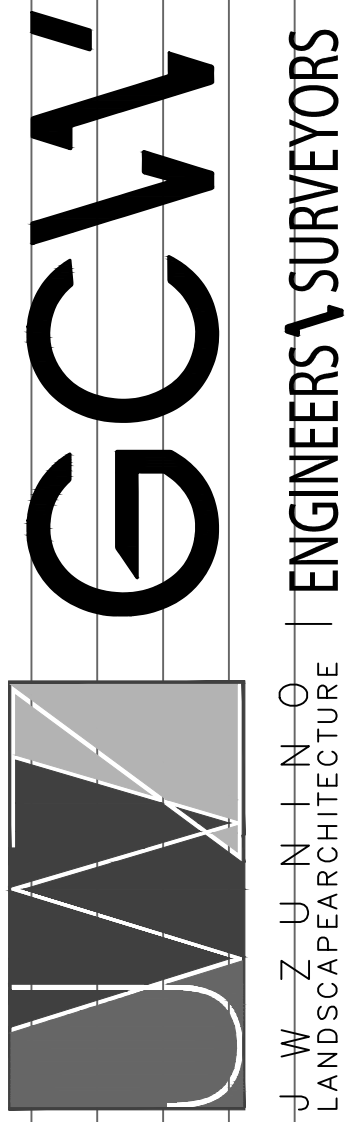
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2800
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-8611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: PROJECT#

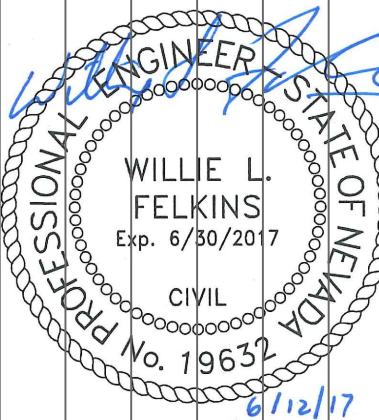
REVISIONS

CONSULTANT



WASHINGTON LAS VEGAS WASH PARK
CITY OF LAS VEGAS
90% CONSTRUCTION DOCUMENTS
CONSTRUCTION PLAN

STAMP

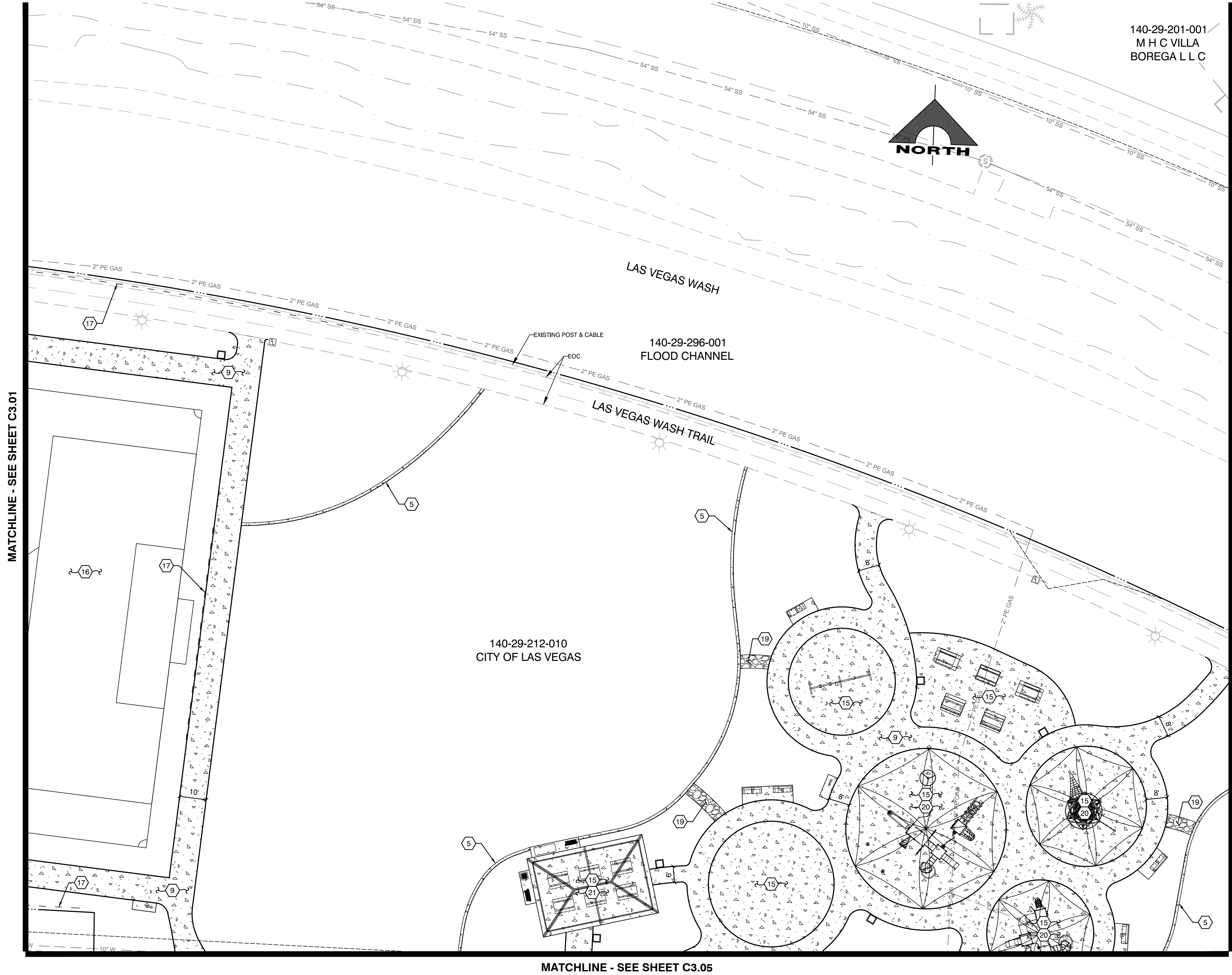


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FAX: (702) 384-6846
TDD: (702) 384-6108

DRAWN	FJG
FILE	AS SHOWN
DATE	05/31/17
SCALE	AS SHOWN
RID NO	15.59811.DC
CLV DWG NO	650.15
HANSON NO	59811
SHT NO	

C3.01



CONSTRUCTION NOTES

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3. CONSTRUCT CONCRETE 'A' TYPE CURB (USDCCA STD. DWG. NO. 219 SHEET C3.10)
4. CONSTRUCT CONCRETE 'Z' TYPE CURB (SEE DETAIL 1, SHEET C3.07)
5. CONSTRUCT CONCRETE 'LANDSCAPE' TYPE CURB (SEE DETAIL 2, SHEET C3.07)
6. CONSTRUCT CURB TRANSITION (SEE DETAIL 1, SHEET C3.08)
7. CONSTRUCT CONCRETE BUS TURN-OUT (USDCCA STD. DWG. NO. 234.1 SHEET C3.11)
8. CONSTRUCT CONCRETE MEDIAN ISLAND (USDCCA STD. DWG. NO. 218 SHEET C3.10)
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13. CONSTRUCT POST-TENSIONED CONCRETE SLAB (SEE SHEET S1.00)
14. CONSTRUCT TRASH ENCLOSURE (SEE DETAIL 'X', SHEET 'X')
15. CONSTRUCT ON-GRADE SLAB (SEE SECTION 4, SHEET C3.07)
16. INSTALL SYNTHETIC TURF (SEE DETAIL E, SHEET L4.01)
17. INSTALL 26" TALL SOCCER NET (SEE DETAILS B & C, SHEET L4.05)
18. INSTALL 8' TALL BASKETBALL SAFETY BARRIER NET (SEE DETAIL D, SHEET L4.06)
19. CONSTRUCT DG-PATH (SEE DETAIL A, SHEET L4.03)
20. INSTALL CANOPY (SEE SHEETS L5.01-L5.04)
21. INSTALL RAMADA (SEE SHEETS L5.05-L5.12)
22. INSTALL TACTILE WARNING PANEL (USDCCA STD. DWG. NO. 235 SHEET C3.10)
23. CONSTRUCT CONCRETE 'L' TYPE ISLAND CURB & GUTTER (USDCCA STD. DWG. NO. 219 SHEET C3.10)
24. CONSTRUCT SIDEWALK DRAIN (USDCCA STD. DWG. NO. 236 SHEET C3.11)
25. UTACS OVERLAY (1-INCH)
26. CONSTRUCT CONCRETE CROSS GUTTER (USDCCA STD. DWG. NO. 228 SHEET C3.11)

NOTES:
1. SEE LANDSCAPING PLANS FOR CONCRETE FINISH AND/OR COLOR.

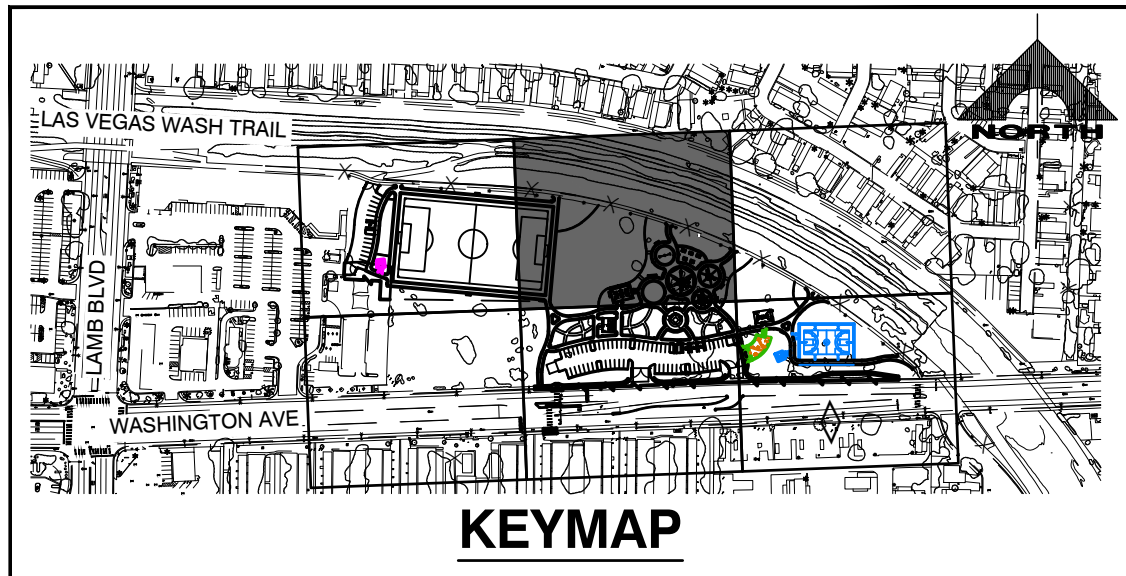
TRAFFIC NOTES

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2. ACCESSIBLE DISABLED LEGEND (PAINT)(SEE DETAIL 5, SHEET C3.09)
3. INSTALL ADA ACCESSIBLE STALL SIGNING AND STRIPING (PAINT) (SEE DETAILS 7, SHEET C3.09)
4. INSTALL PRECAST BUMPER BLOCKS (USDCCA STD. DWG. NO. 238 SHEET C3.11)
5. INSTALL SIGN(S)(GROUND MOUNTED)
6. INSTALL SIGN(S)(POLE MOUNTED)
7. 24" WHITE CROSSWALK (PMF-NDOT TYPE 2) (USDCCA STD. DWG. NO. 254.1.S1 SHEET C3.11)
8. PEDESTRIAN FLASHER (SEE SHEET C8.01)
9. 24" WHITE YIELD LINE (PMF-NDOT TYPE 2)
- R REMOVE EXISTING SIGN(S)
- E EXISTING SIGN(S) TO REMAIN

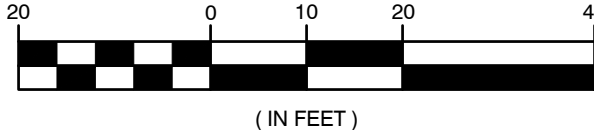
- NOTES:
1. SEE FLASHER PLAN (SHT C8.01) FOR POLE MOUNTED SIGNS
2. POSITION R1-5 SIGN TO AVOID BLOCKING VIEW OF W11-2 SIGN

LEGEND

	ADDITIVE ALTERNATE 1
	ADDITIVE ALTERNATE 2
	ADDITIVE ALTERNATE 3
	ADDITIVE ALTERNATE 4
	CONSTRUCT PLANTMIX BITUMINOUS SURFACE (SEE TYPICAL SECTIONS FOR PAVEMENT SECTION)
	1-INCH UTACS OVERLAY
	CONSTRUCT CONCRETE
	CONSTRUCT DG PATH



GRAPHIC SCALE



CALL BEFORE CONSTRUCTION

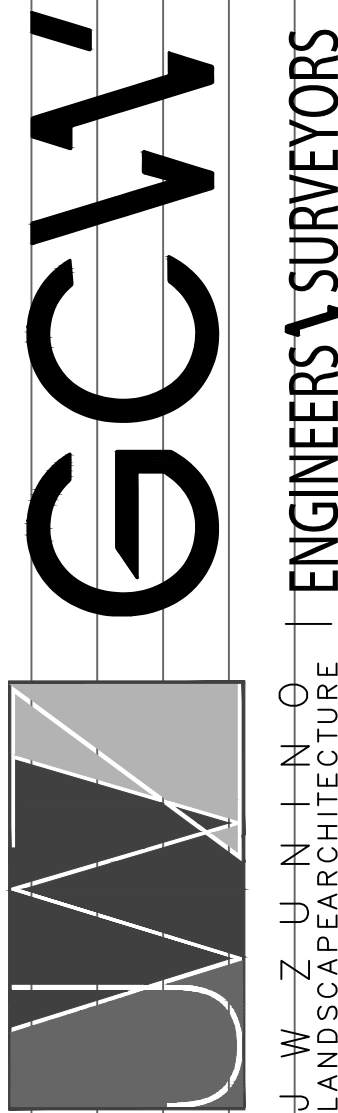
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2800
	F.A.S.T.	702-432-5300
BEFORE YOU UNDERGROUND	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-8611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: PROJECT#

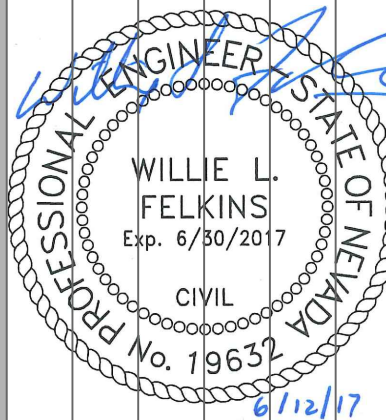
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CONSULTANT



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DRAWN	FJG
FILE	AS SHOWN
DATE	05/31/17
SCALE	AS SHOWN
RID NO	15.59811.DC
CLV DWG NO	650.15
HANSON NO	59811
SHT NO	

C3.02

MATCHLINE - SEE SHEET C3.02



MATCHLINE - SEE SHEET C3.06

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: PROJECT#

CONSTRUCTION NOTES

1. CONSTRUCT PLANTMIX BITUMINOUS SURFACE OVER TYPE II AGGREGATE BASE (SEE SECTION 4, SHEET C3.07)
2. CONSTRUCT CONCRETE 'L' TYPE CURB & GUTTER (USDCCA STD. DWG. NO. 216 SHEET C3.10)
3. CONSTRUCT CONCRETE 'A' TYPE CURB (USDCCA STD. DWG. NO. 219 SHEET C3.10)
4. CONSTRUCT CONCRETE 'Z' TYPE CURB (SEE DETAIL 1, SHEET C3.07)
5. CONSTRUCT CONCRETE 'LANDSCAPE' TYPE CURB (SEE DETAIL 2, SHEET C3.07)
6. CONSTRUCT CURB TRANSITION (SEE DETAIL 1, SHEET C3.08)
7. CONSTRUCT CONCRETE BUS TURN-OUT (USDCCA STD. DWG. NO. 234.1 SHEET C3.11)
8. CONSTRUCT CONCRETE MEDIAN ISLAND (USDCCA STD. DWG. NO. 218 SHEET C3.10)
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14. CONSTRUCT TRASH ENCLOSURE (SEE DETAIL 'X', SHEET 'X')
15. CONSTRUCT ON-GRADE SLAB (SEE SECTION 4, SHEET C3.07)
16. INSTALL SYNTHETIC TURF (SEE DETAIL E, SHEET L4.01)
17. INSTALL 28' TALL SOCCER NET (SEE DETAILS B & C, SHEET L4.05)
18. INSTALL 8' TALL BASKETBALL SAFETY BARRIER NET (SEE DETAIL D, SHEET L4.06)
19. CONSTRUCT DG-PATH (SEE DETAIL A, SHEET L4.03)
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22. INSTALL TACTILE WARNING PANEL (USDCCA STD. DWG. NO. 235 SHEET C3.10)
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24. CONSTRUCT SIDEWALK DRAIN (USDCCA STD. DWG. NO. 236 SHEET C3.11)
25. UTACS OVERLAY (1-INCH)
26. CONSTRUCT CONCRETE CROSS GUTTER (USDCCA STD. DWG. NO. 228 SHEET C3.11)

NOTES:
1. SEE LANDSCAPING PLANS FOR CONCRETE FINISH AND/OR COLOR.

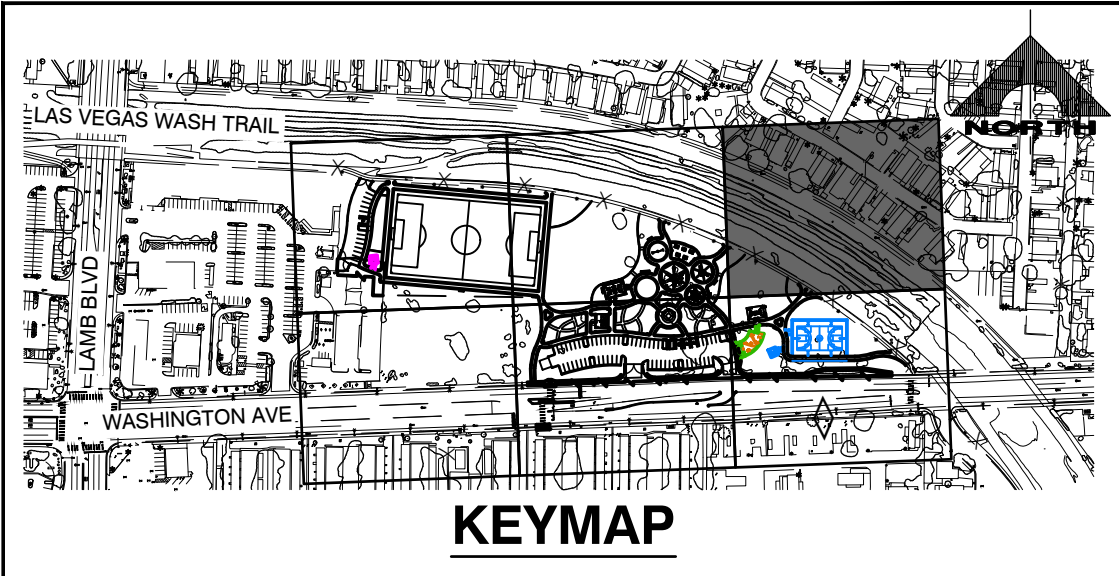
TRAFFIC NOTES

1. 4" SOLID WHITE (PAINT)
2. ACCESSIBLE DISABLED LEGEND (PAINT)(SEE DETAIL 5, SHEET C3.09)
3. INSTALL ADA ACCESSIBLE STALL SIGNING AND STRIPING (PAINT) (SEE DETAILS 7, SHEET C3.09)
4. INSTALL PRECAST BUMPER BLOCKS (USDCCA STD. DWG. NO. 238 SHEET C3.11)
5. INSTALL SIGN(S)(GROUND MOUNTED)
6. INSTALL SIGN(S)(POLE MOUNTED)
7. 24" WHITE CROSSWALK (PMF-NDOT TYPE 2) (USDCCA STD. DWG. NO. 254.1.S1 SHEET C3.11)
8. PEDESTRIAN FLASHER (SEE SHEET C8.01)
9. 24" WHITE YIELD LINE (PMF-NDOT TYPE 2)
- R REMOVE EXISTING SIGN(S)
- E EXISTING SIGN(S) TO REMAIN

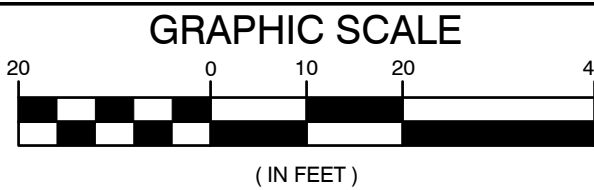
NOTES:
1. SEE FLASHER PLAN (SHT C8.01) FOR POLE MOUNTED SIGNS
2. POSITION R1-5 SIGN TO AVOID BLOCKING VIEW OF W11-2 SIGN

LEGEND

- | | |
|--|---|
| | ADDITIVE ALTERNATE 1 |
| | ADDITIVE ALTERNATE 2 |
| | ADDITIVE ALTERNATE 3 |
| | ADDITIVE ALTERNATE 4 |
| | CONSTRUCT PLANTMIX BITUMINOUS SURFACE (SEE TYPICAL SECTIONS FOR PAVEMENT SECTION) |
| | 1-INCH UTACS OVERLAY |
| | CONSTRUCT CONCRETE |
| | CONSTRUCT DG PATH |



KEYMAP

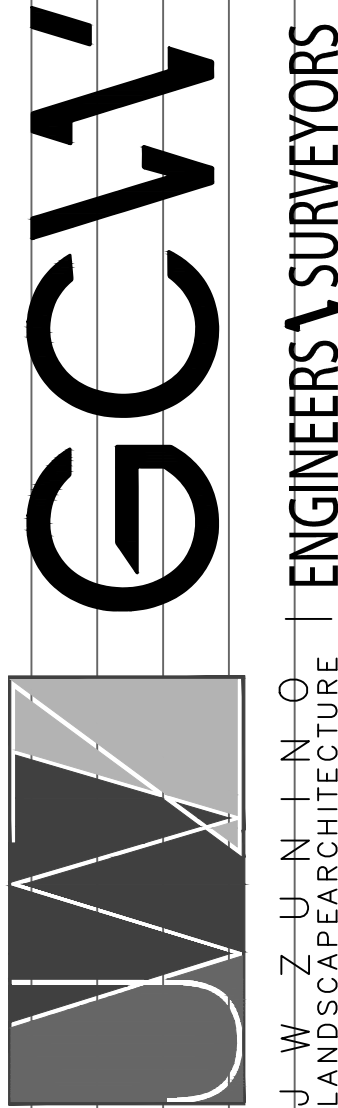


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BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-8611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

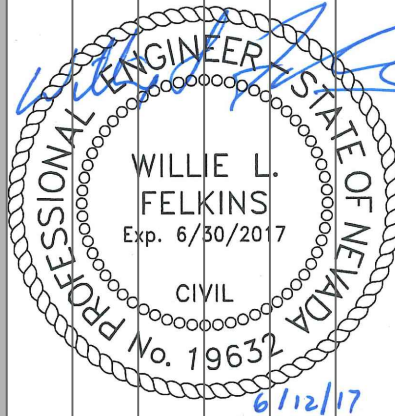
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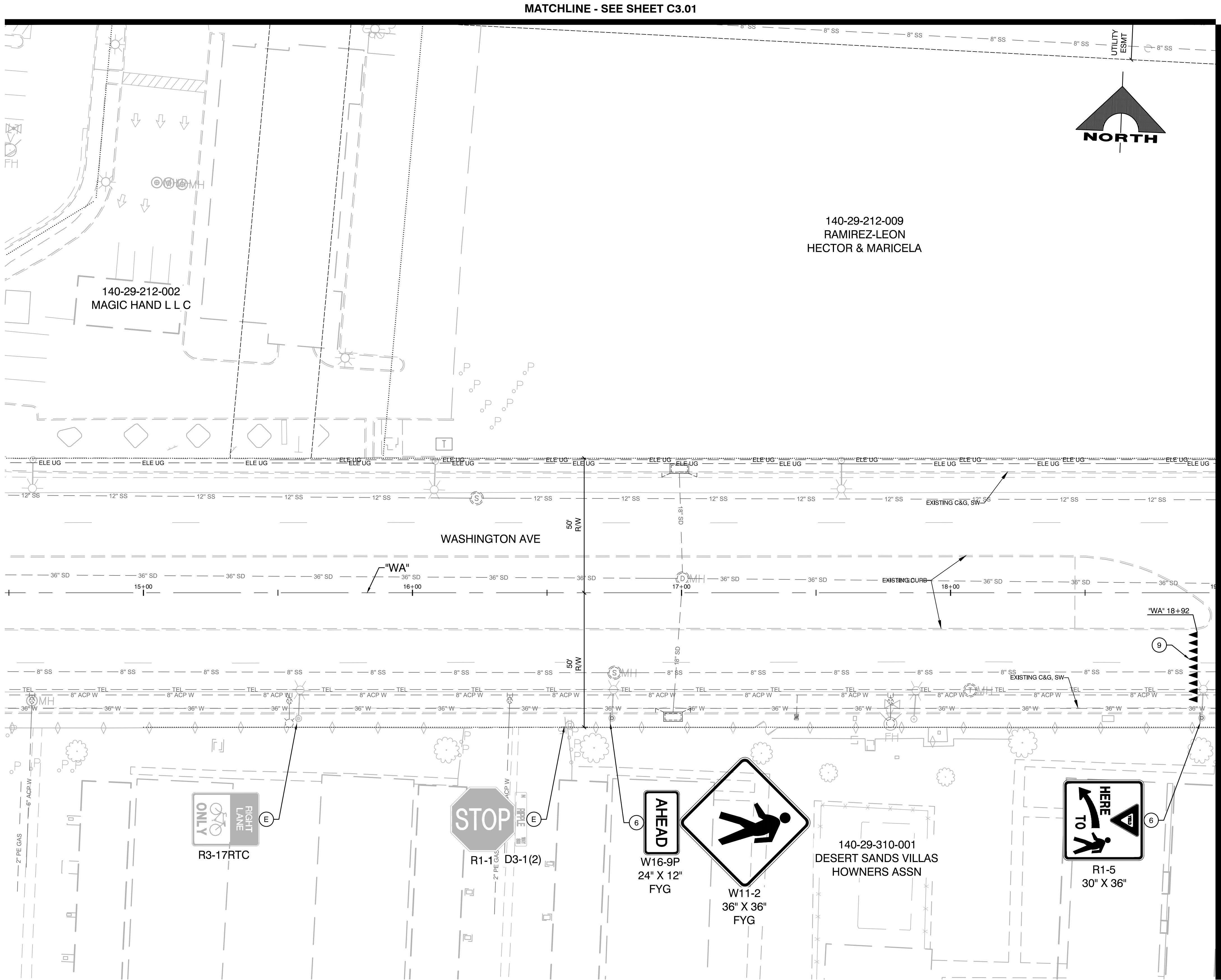


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TDD: (702) 384-6108

DRAWN: FJG
FILE: AS SHOWN
DATE: 05/31/17
SCALE: AS SHOWN
BID NO: 15.59811.DC
CLV DWG NO: 650.15
HANSON NO: 59811
SHT NO: C3.03

C3.03



CONSTRUCTION NOTES

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NOTES:

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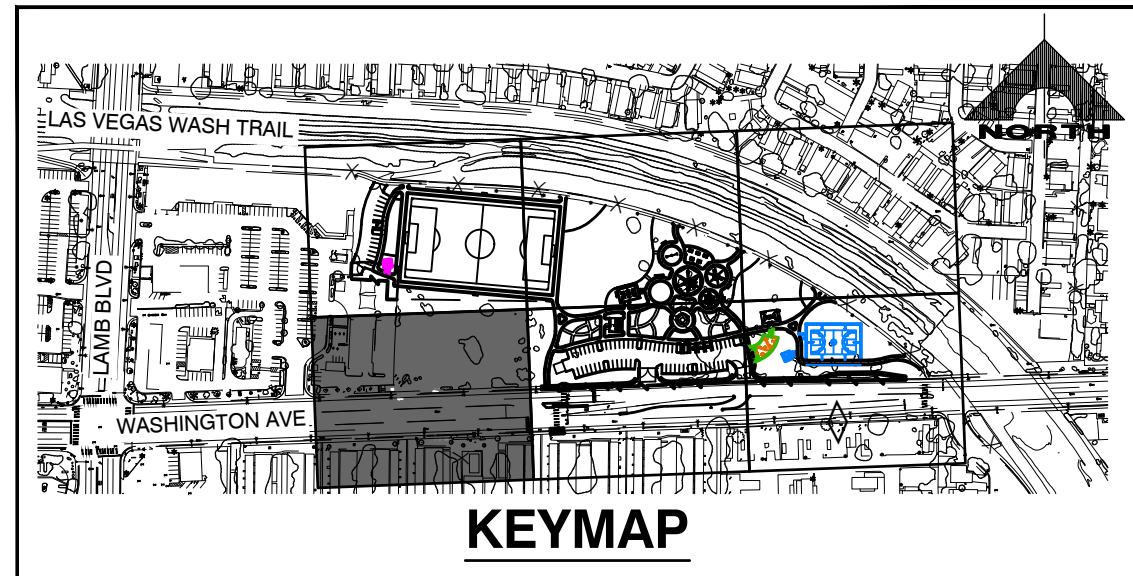
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9. 24" WHITE YIELD LINE (PMF-NDOT TYPE 2)
- R REMOVE EXISTING SIGN(S)
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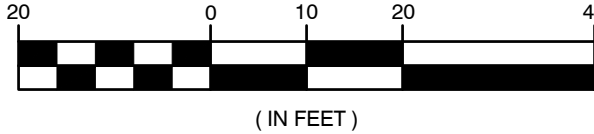
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LEGEND

	ADDITIVE ALTERNATE 1
	ADDITIVE ALTERNATE 2
	ADDITIVE ALTERNATE 3
	ADDITIVE ALTERNATE 4
	CONSTRUCT PLANTMIX BITUMINOUS SURFACE (SEE TYPICAL SECTIONS FOR PAVEMENT SECTION)
	1-INCH UTACS OVERLAY
	CONSTRUCT CONCRETE
	CONSTRUCT DG PATH



GRAPHIC SCALE

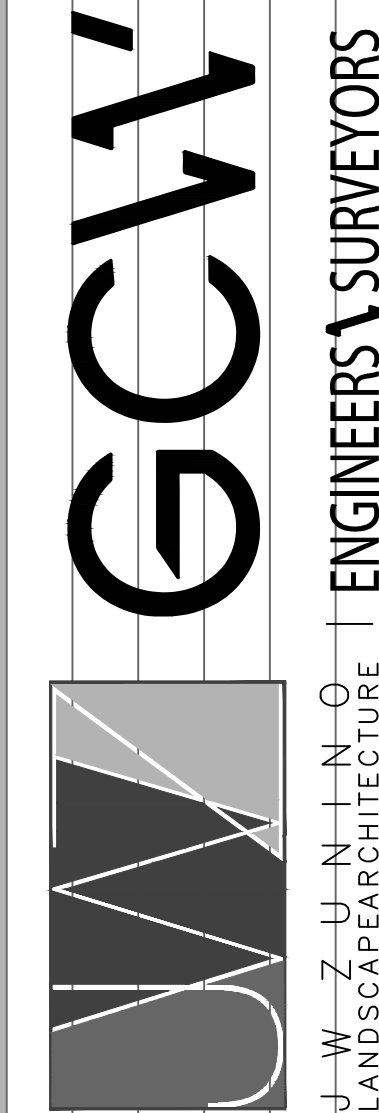


CALL BEFORE CONSTRUCTION

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	F.A.S.T.	702-432-5300
BEFORE YOU UNDERGROUND	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
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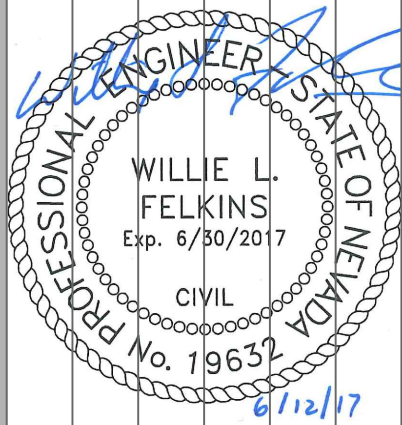
REVISIONS

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CITY OF LAS VEGAS
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CONSTRUCTION PLAN

STAMP



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400 EAST STEWART AVENUE
LAS VEGAS, NEVADA 89101
PHONE: (702) 229-6535
FAX: (702) 384-6846
TDD: (702) 384-5108

DRAWN	FJG
FILE	AS SHOWN
DATE	05/31/17
SCALE	AS SHOWN
RID NO	15.59811.DC
CLV DWG NO	650.15
HANSON NO	59811
SHT NO	

C3.04

MATCHLINE - SEE SHEET C3.06

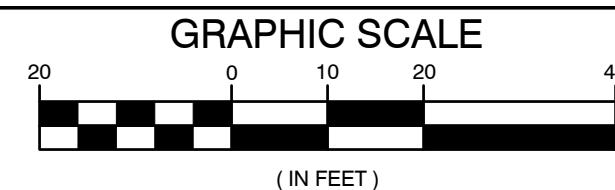
1	CONSTRUCT PLANT MIX BITUMINOUS SURFACE OVER TYPE I AGGREGATE BASE (SEE SECTION 4, SHEET C3.07)
2	CONSTRUCT CONCRETE "L" TYPE CURB & GUTTER (USDOCCA STD. DWG. NO. 219 SHEET C3.10)
3	CONSTRUCT CONCRETE "A" TYPE CURB (USDOCCA STD. DWG. NO. 219 SHEET C3.10)
4	CONSTRUCT CONCRETE "ZERO" TYPE CURB (SEE DETAIL 1, SHEET C3.07)
5	CONSTRUCT CONCRETE "LANDSCAPE" TYPE CURB (SEE DETAIL 2, SHEET C3.07)
6	CONSTRUCT CURB TRANSITION (SEE DETAIL 1, SHEET C3.08)
7	CONSTRUCT CONCRETE BUS TURN-OUT (USDOCCA STD. DWG. NO. 234-1 SHEET C3.11)
8	CONSTRUCT CONCRETE MEDIAN ISLAND (USDOCCA STD. DWG. NO. 218 SHEET C3.10)
9	CONSTRUCT CONCRETE SIDEWALK (WIDTH VARIES) (USDOCCA STD. DWG. NO. 235 SHEET C3.10)
10	CONSTRUCT SIDEWALK RAMP - CASE I WITH TACTILE WARNING PANEL (USDOCCA STD. DWG. NO. 235 SHEET C3.10)
11	CONSTRUCT SIDEWALK RAMP - CASE II WITH TACTILE WARNING PANEL (USDOCCA STD. DWG. NO. 235 SHEET C3.10)
12	CONSTRUCT CONCRETE SLAB AND RESTROOM (SEE SECTION 4, SHEET C3.07 & ARCHITECTURE PLANS)
13	CONSTRUCT POST-TENSIONED CONCRETE SLAB (SEE SHEET S1.00)
14	CONSTRUCT TRASH ENCLOSURE (SEE DETAIL "X", SHEET C3.07)
15	CONSTRUCT ON-GRADE SLAB (SEE SECTION 4, SHEET C3.07)
16	INSTALL SYNTHETIC TURF (SEE DETAIL E, SHEET L4.01)
17	INSTALL 26' TALL SOCCER NET (SEE DETAILS B & C, SHEET L4.05)
18	INSTALL 8' TALL BASKETBALL SAFETY BARRIER NET (SEE DETAIL D, SHEET L4.06)
19	CONSTRUCT DG-PATH (SEE DETAIL A, SHEET L4.03)
20	INSTALL CANOPY (SEE SHEETS L5.01-L5.04)
21	INSTALL RAMADA (SEE SHEETS L5.05-L5.12)
22	INSTALL TACTILE WARNING PANEL (USDOCCA STD. DWG. NO. 235 SHEET C3.10)
23	CONSTRUCT CONCRETE "L" TYPE ISLAND CURB & GUTTER (USDOCCA STD. DWG. NO. 219 SHEET C3.10)
24	CONSTRUCT SIDEWALK DRAIN (USDOCCA STD. DWG. NO. 236 SHEET C3.11)
25	UTACS OVERLAY (1-INCH)
26	CONSTRUCT CONCRETE CROSS GUTTER (USDOCCA STD. DWG. NO. 228 SHEET C3.11)

- 1 4" SOLID WHITE (PAINT)
- 2 ACCESSIBLE DISABLED LEGEND (PAINT)(SEE DETAIL 5, SHEET C3.09)
- 3 INSTALL ADA ACCESSIBLE STALL SIGNING AND STRIPING (PAINT)
(SEE DETAILS 7, SHEET C3.09)
- 4 INSTALL PRECAST BUMPER BLOCKS (USDCCA STD. DWG. NO. 238 SHEET C3.11)
- 5 INSTALL SIGN(S)(GROUND MOUNTED)
- 6 INSTALL SIGN(S)(POLE MOUNTED)
- 7 24" WHITE CROSSWALK (PMF-NDOT TYPE 2)
(USDCCA STD. DWG. NO. 254.1.S1 SHEET C3.11)
- 8 PEDESTRIAN FLASHER (SEE SHEET C6.01)
- 9 24" WHITE YIELD LINE (PMF-NDOT TYPE 2)
- R REMOVE EXISTING SIGN(S)
- E EXISTING SIGN(S) TO REMAIN

NOTES:

1. SEE FLASHER PLAN (SHT C6.01) FOR POLE MOUNTED SIGNS
2. POSITION R1-5 SIGN TO AVOID BLOCKING VIEW OF W11-2 SIGN

	ADDITIVE ALTERNATE 1
	ADDITIVE ALTERNATE 2
	ADDITIVE ALTERNATE 3
	ADDITIVE ALTERNATE 4
	CONSTRUCT PLANTMIX BITUMINOUS SURFACE (SEE TYPICAL SECTIONS FOR PAVEMENT SECTION)
	1-INCH UTACS OVERLAY
	CONSTRUCT CONCRETE
	CONSTRUCT DG PATH



BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

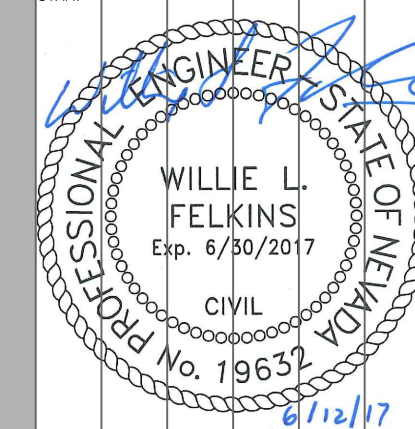
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: PROJECT#

CONSULTA

J W Z U N I O N
ENGINEERS AND SURVEYORS
ARCHITECTURE

WASHINGTON LAS VEGAS WASH PARK
CITY OF LAS VEGAS
90% CONSTRUCTION DOCUMENTS
CONSTRUCTION PLAN

STAM

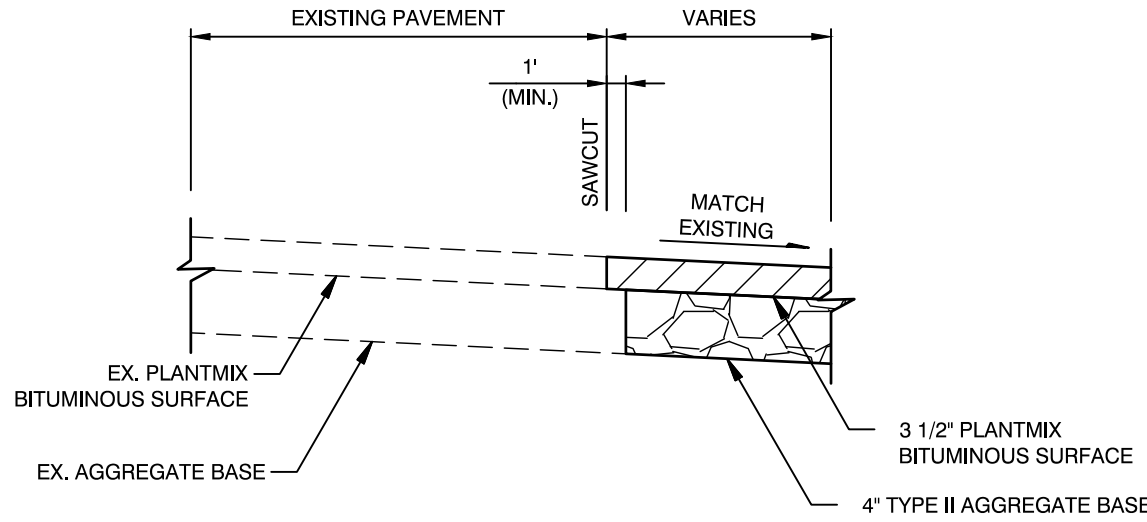


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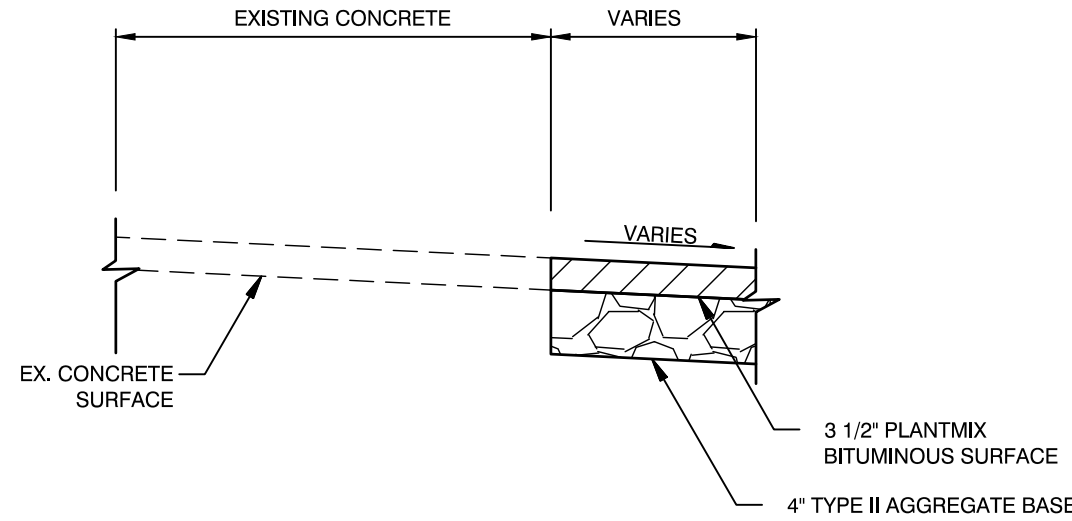
400 EAST STEWART AVENUE
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PHONE: (702) 229-6531
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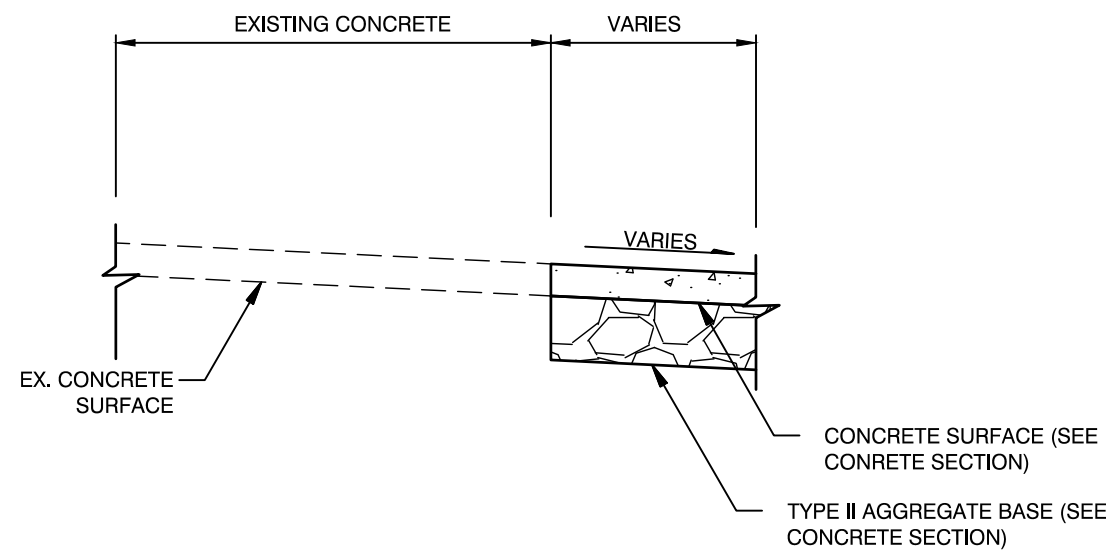
C3.05



PAVEMENT WIDENING



PAVEMENT TO CONCRETE



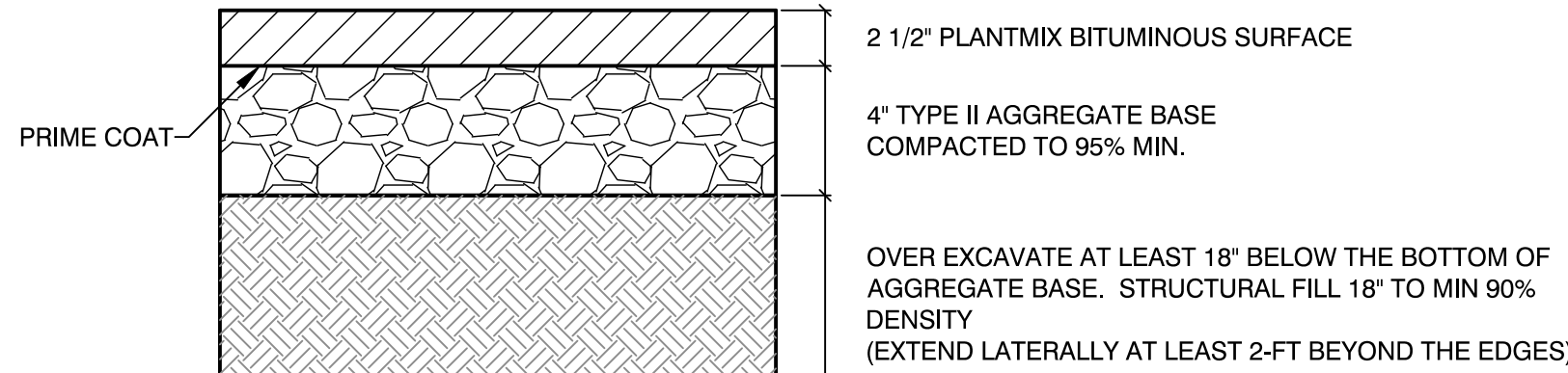
CONCRETE TO CONCRETE

PAVEMENT CONNECTIONS

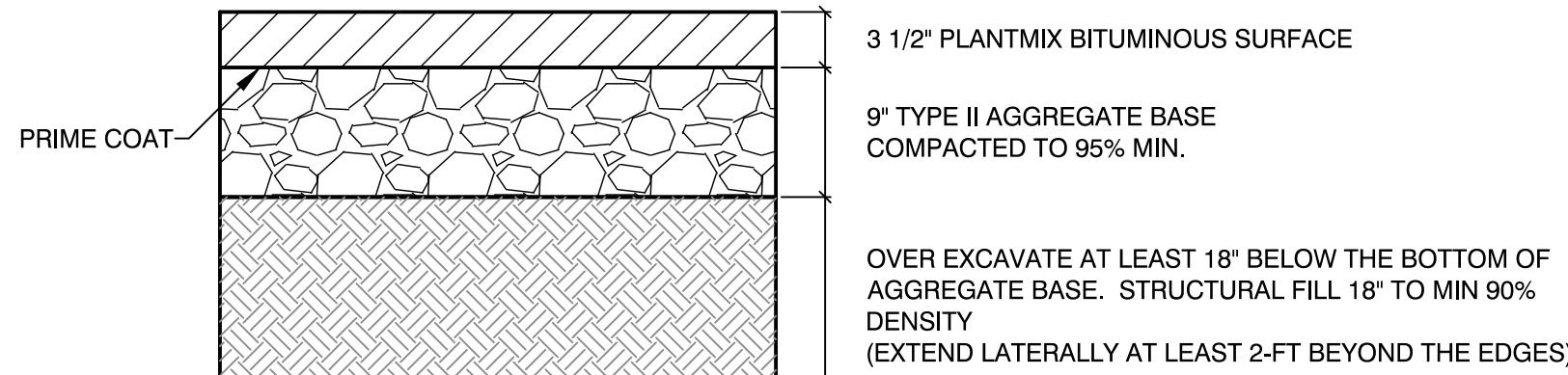
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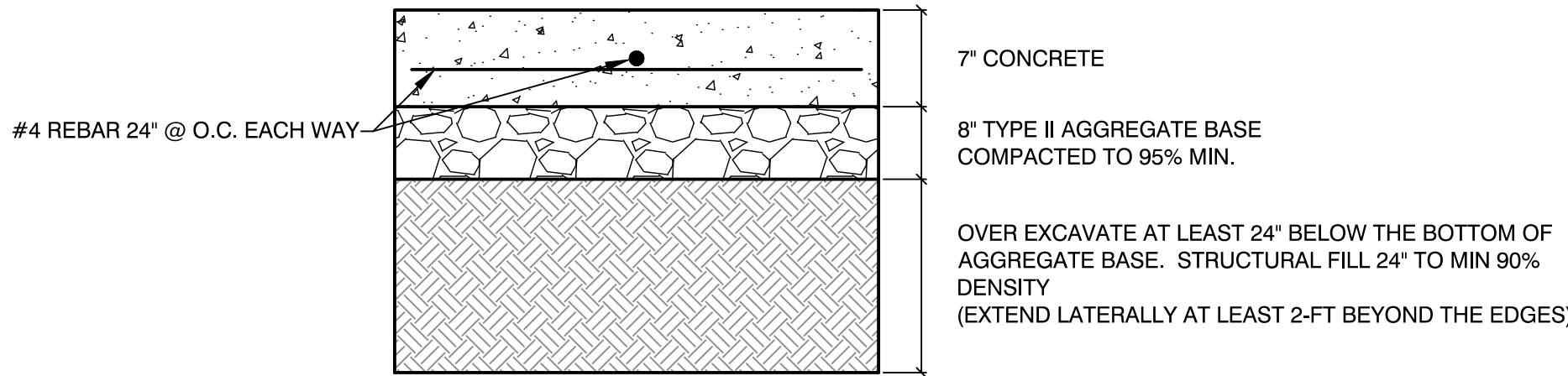
C3.07



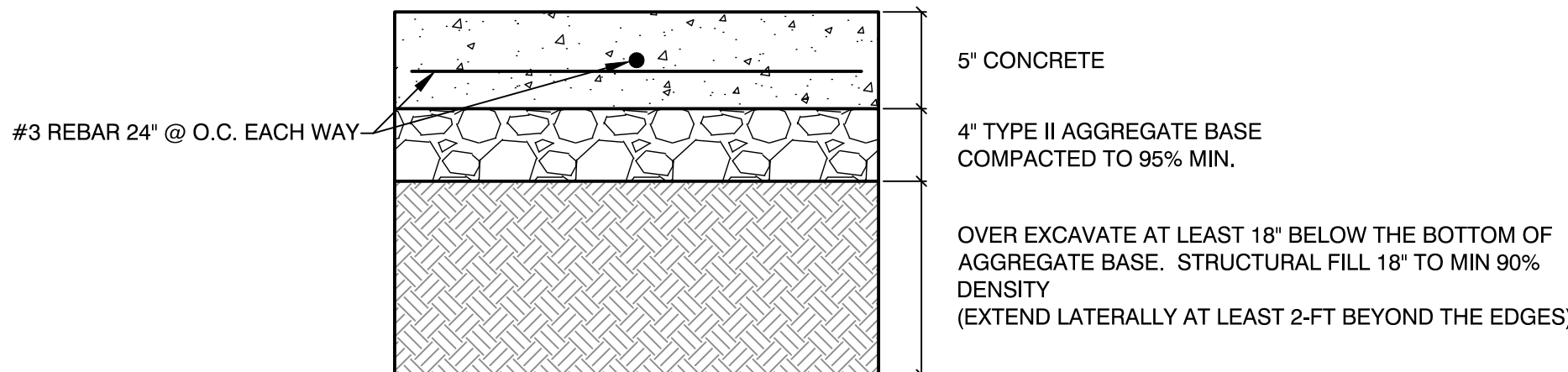
PARKING STALLS PLANTMIX BITUMINOUS SURFACE SECTION



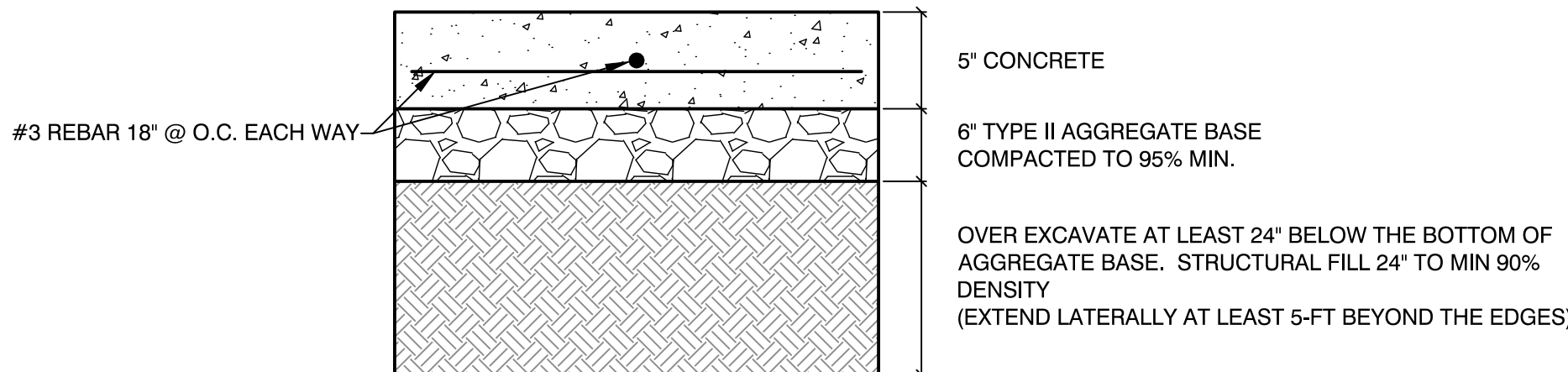
DRIVE ISLE BITUMINOUS SURFACE SECTION



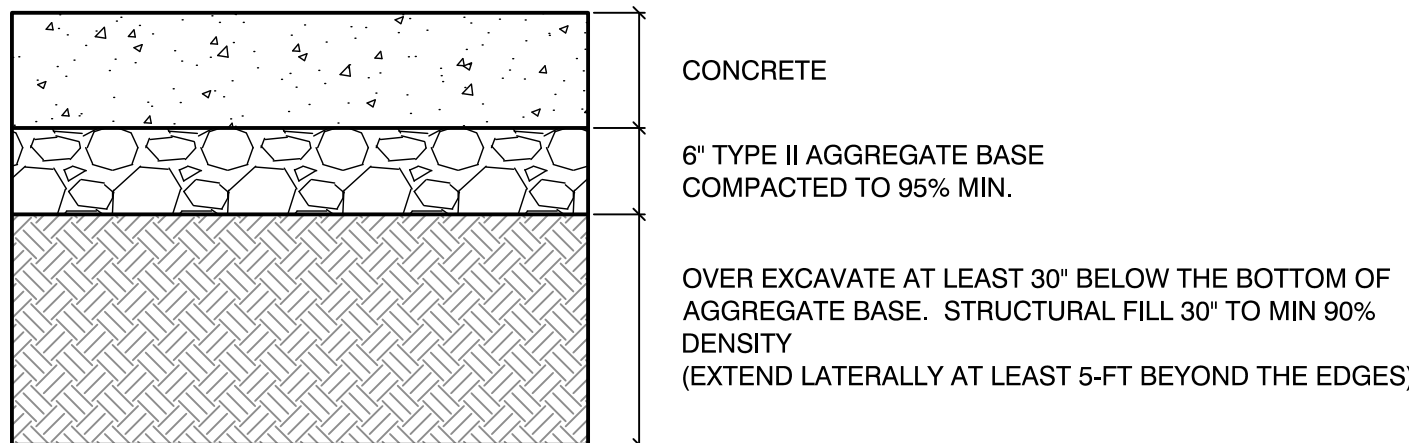
CONCRETE PAVEMENT SECTION FOR TRASH ENCLOSURE



CONCRETE PAVEMENT SECTION FOR SIDEWALKS & FLATWORK



CONCRETE PAVEMENT SECTION FOR ON-GRADE SLAB (UNDER CANOPIES, RAMADA'S, TOT-LOT, SPLASH PAD, ETC.)



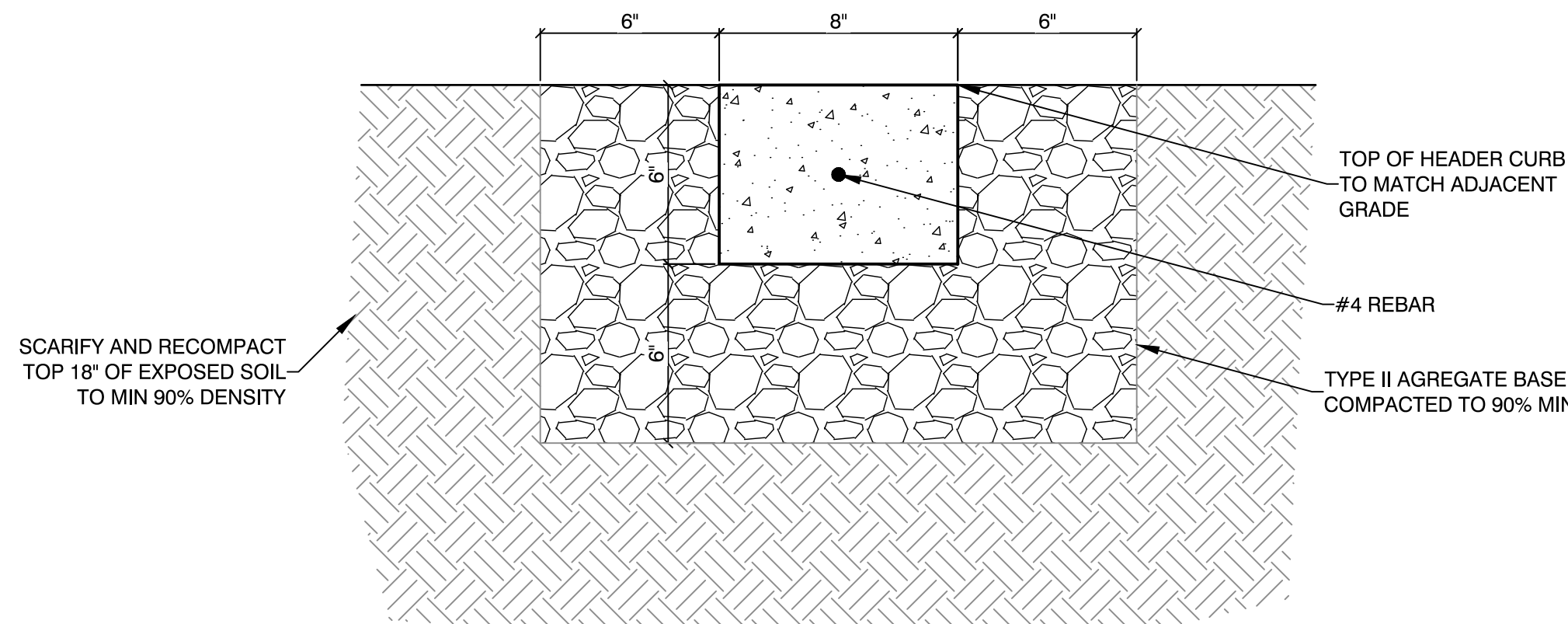
SUBGRADE PREPARATION FOR CONCRETE RESTROOM

TYPICAL PAVEMENT SECTION

NOT TO SCALE

4

C3.07

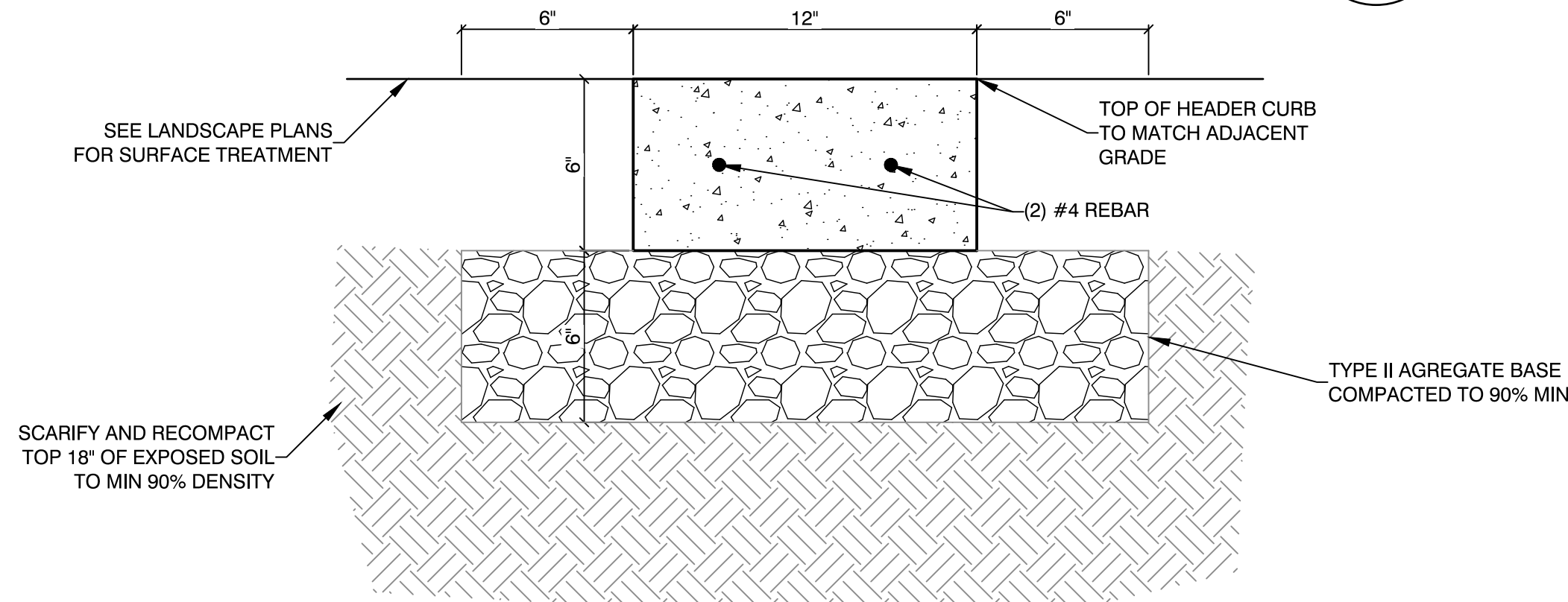


"ZERO" TYPE CURB

NOT TO SCALE

1

C3.07

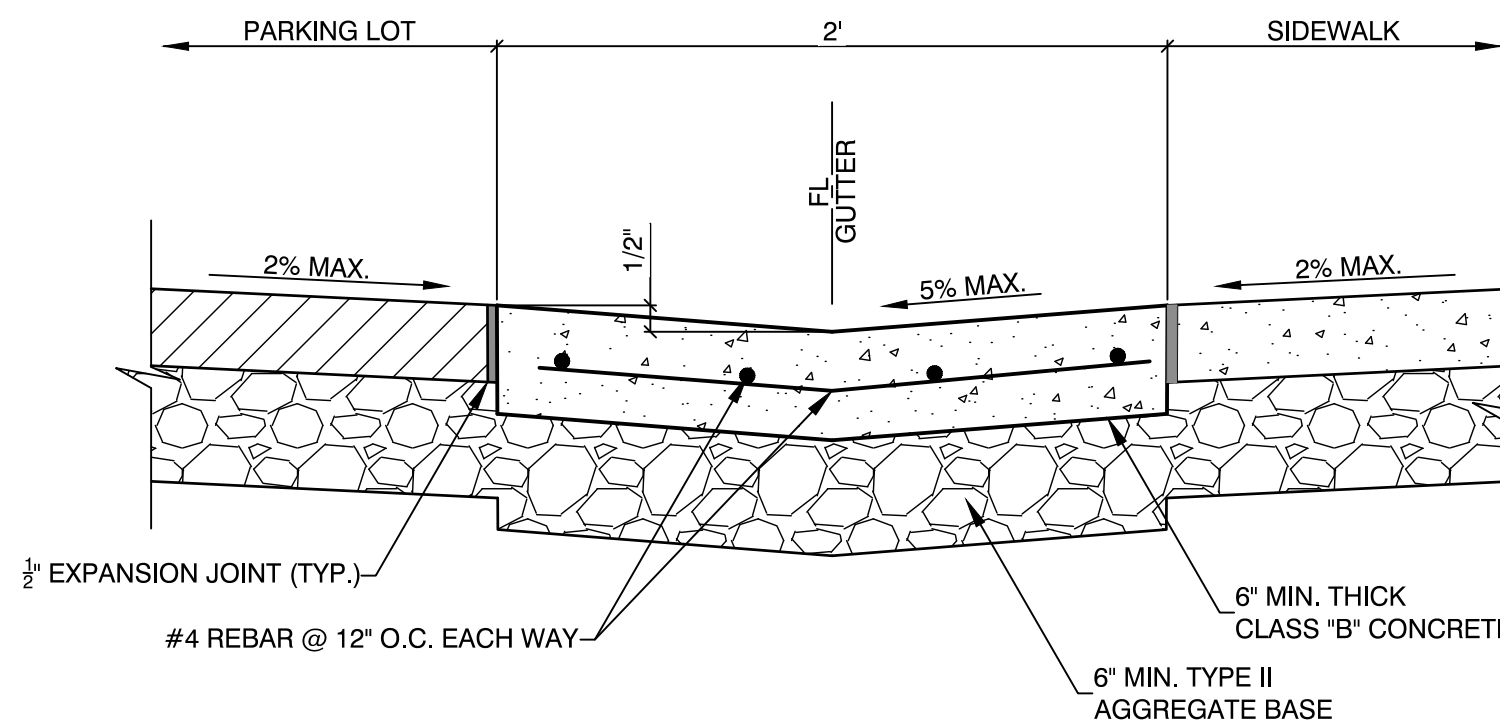


"LANDSCAPE" TYPE CURB

NOT TO SCALE

2

C3.07



CONCRETE VALLEY GUTTER DETAIL

NOT TO SCALE

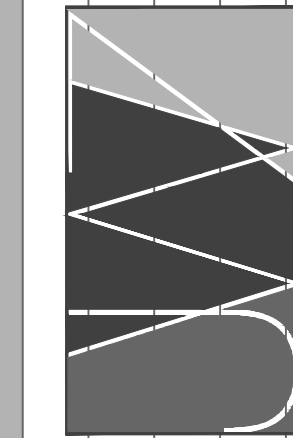
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C3.07

REVISIONS

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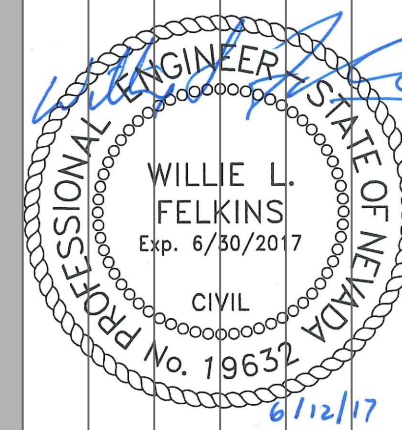
GCA



J.W. ZUNINO ENGINEERS & SURVEYORS
LANDSCAPE ARCHITECTURE

WASHINGTON LAS VEGAS WASH PARK
CITY OF LAS VEGAS
90% CONSTRUCTION DOCUMENTS
CONSTRUCTION DETAILS

STAMP



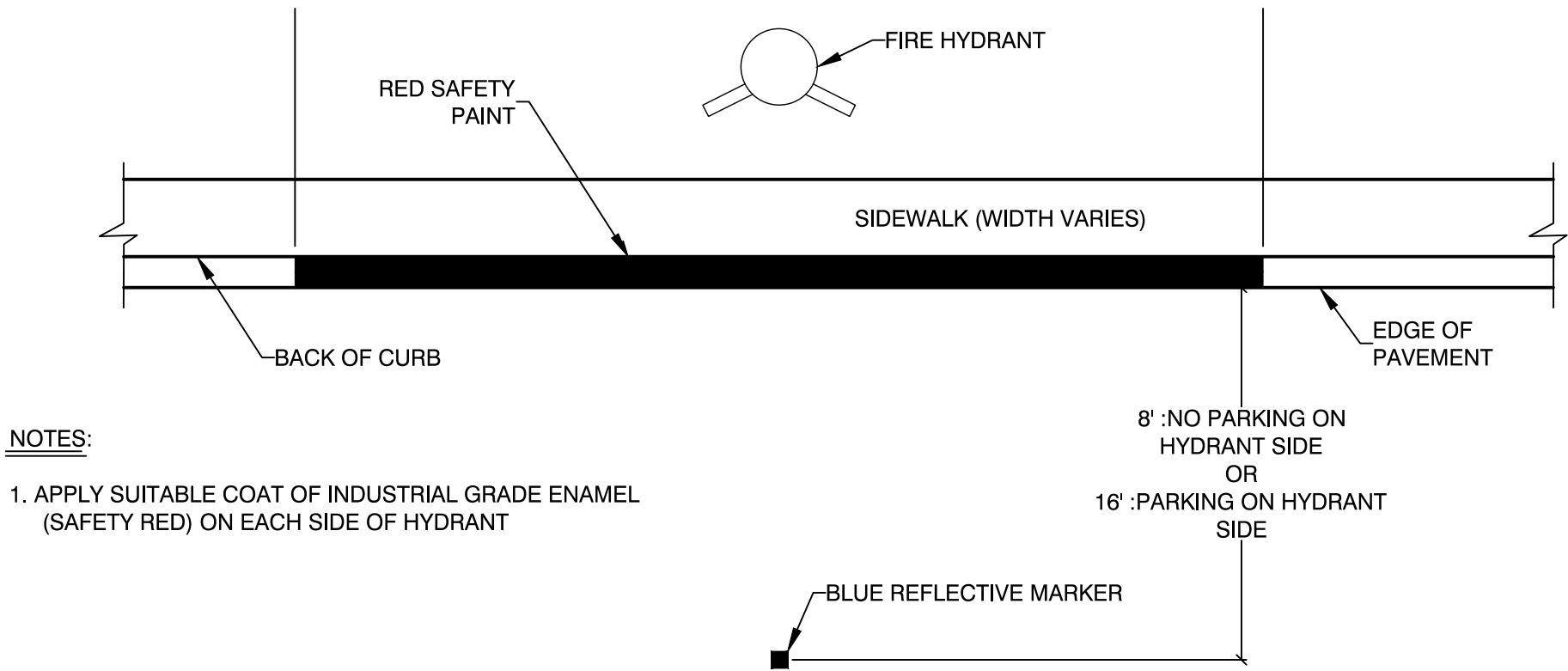
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DEPARTMENT OF PUBLIC WORKS

400 EAST STEWART AVENUE
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HANSON NO	59811
SHT NO	

C3.07

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NOTES:

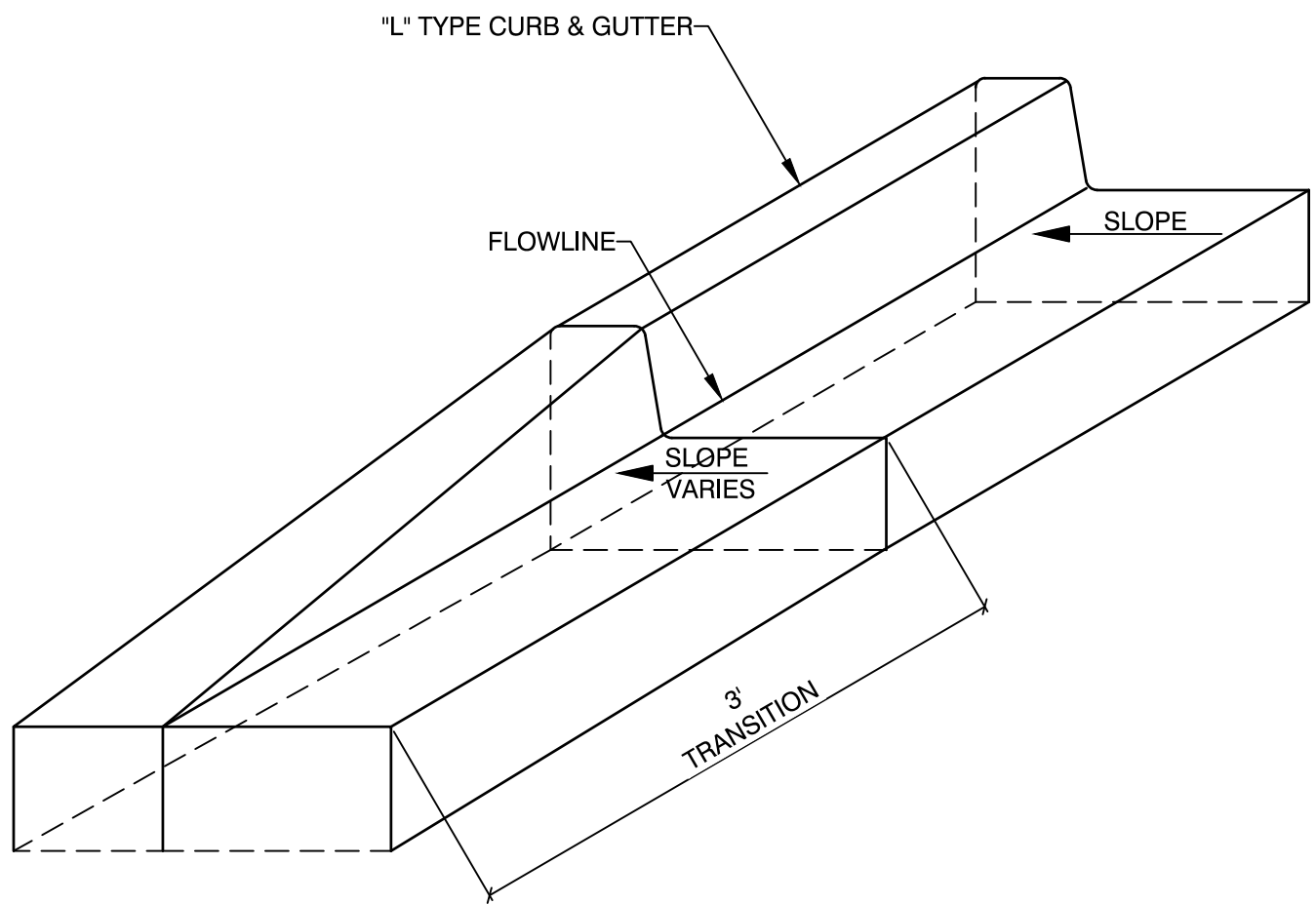
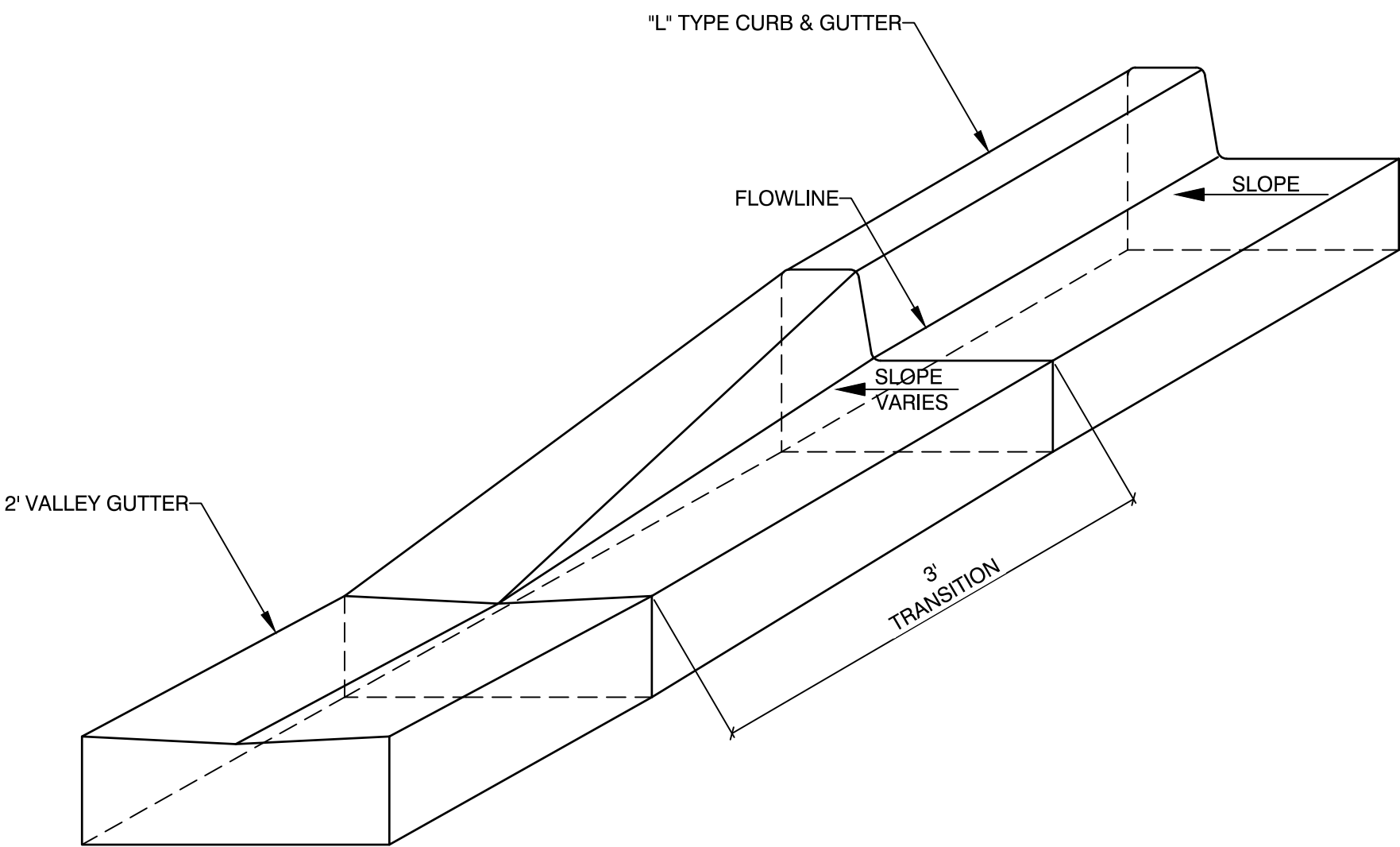
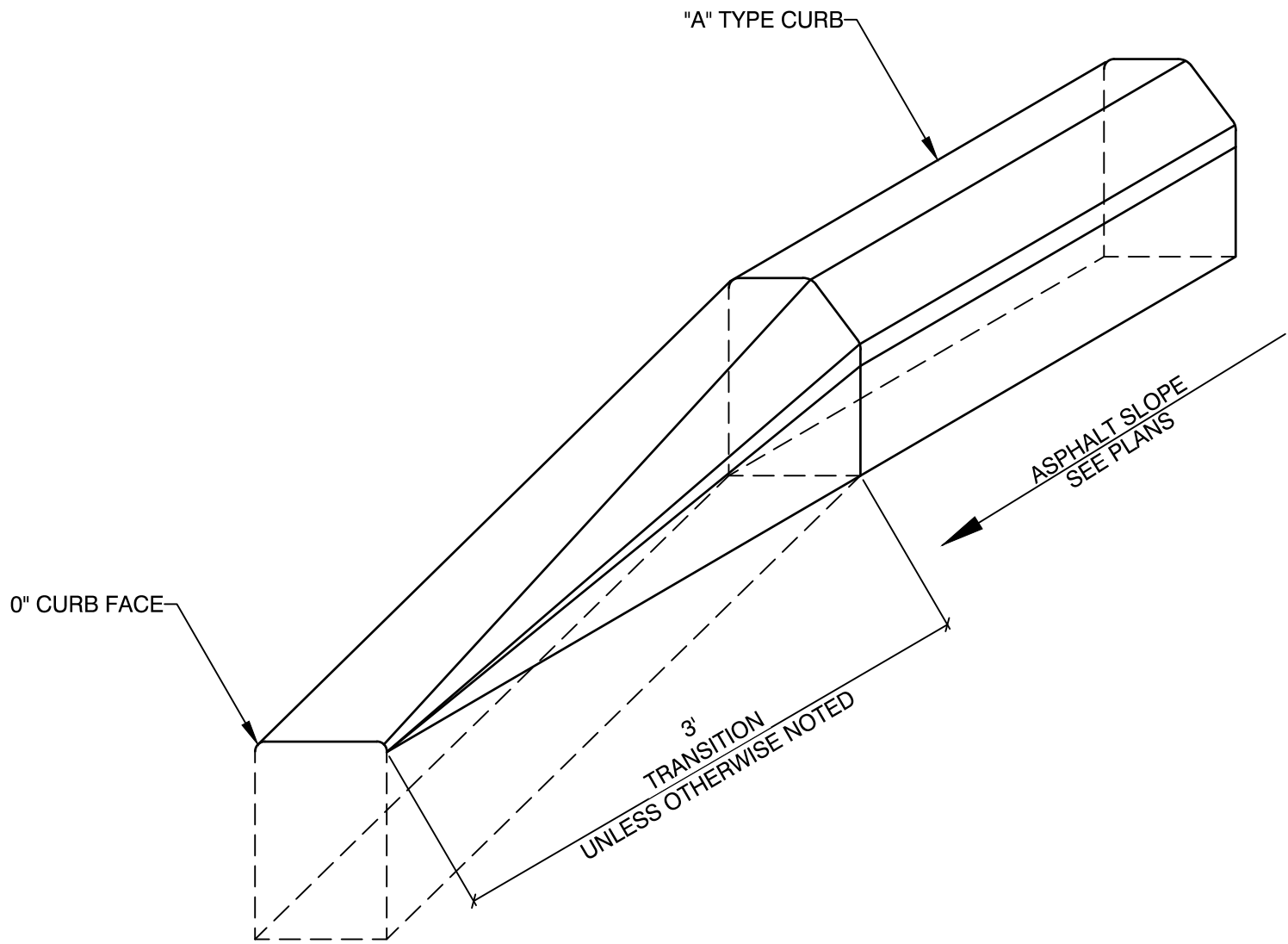
1. APPLY SUITABLE COAT OF INDUSTRIAL GRADE ENAMEL (SAFETY RED) ON EACH SIDE OF HYDRANT

8' : NO PARKING ON
HYDRANT SIDE
OR
16' : PARKING ON HYDRANT
SIDE

FIRE HYDRANT CURB AND REFLECTOR DETAIL

NOT TO SCALE

2
C3.08



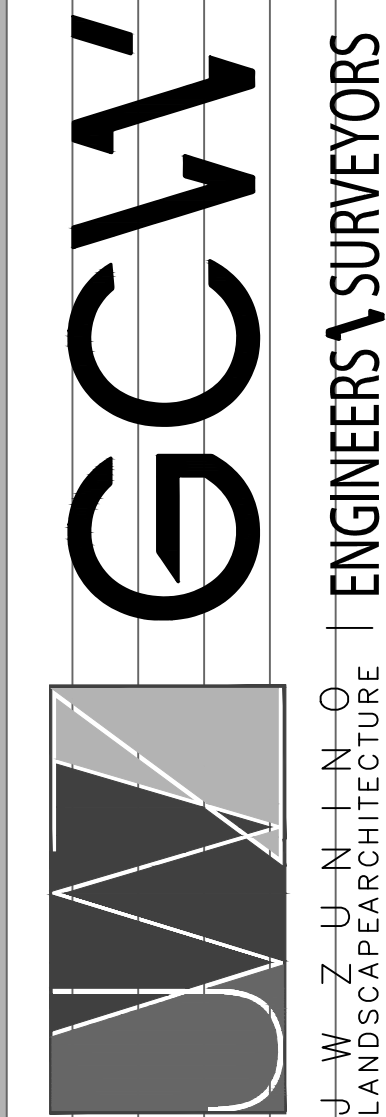
CURB & GUTTER TRANSITIONS

NOT TO SCALE

1
C3.08

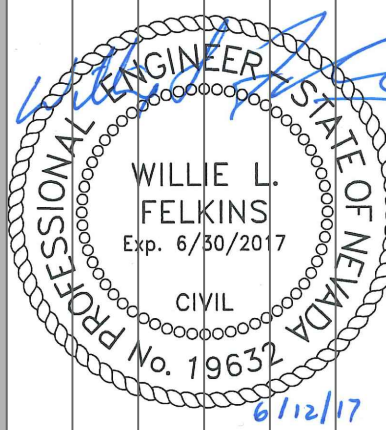
REVISIONS

CONSULTANT



WASHINGTON LAS VEGAS WASH PARK
CITY OF LAS VEGAS
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CONSTRUCTION DETAILS

STAMP

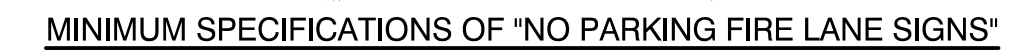


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DEPARTMENT OF PUBLIC WORKS

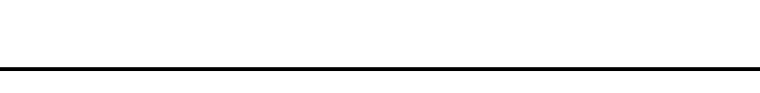
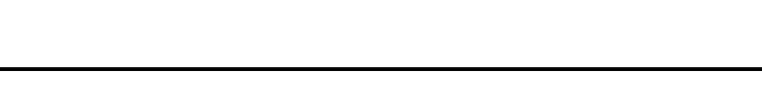
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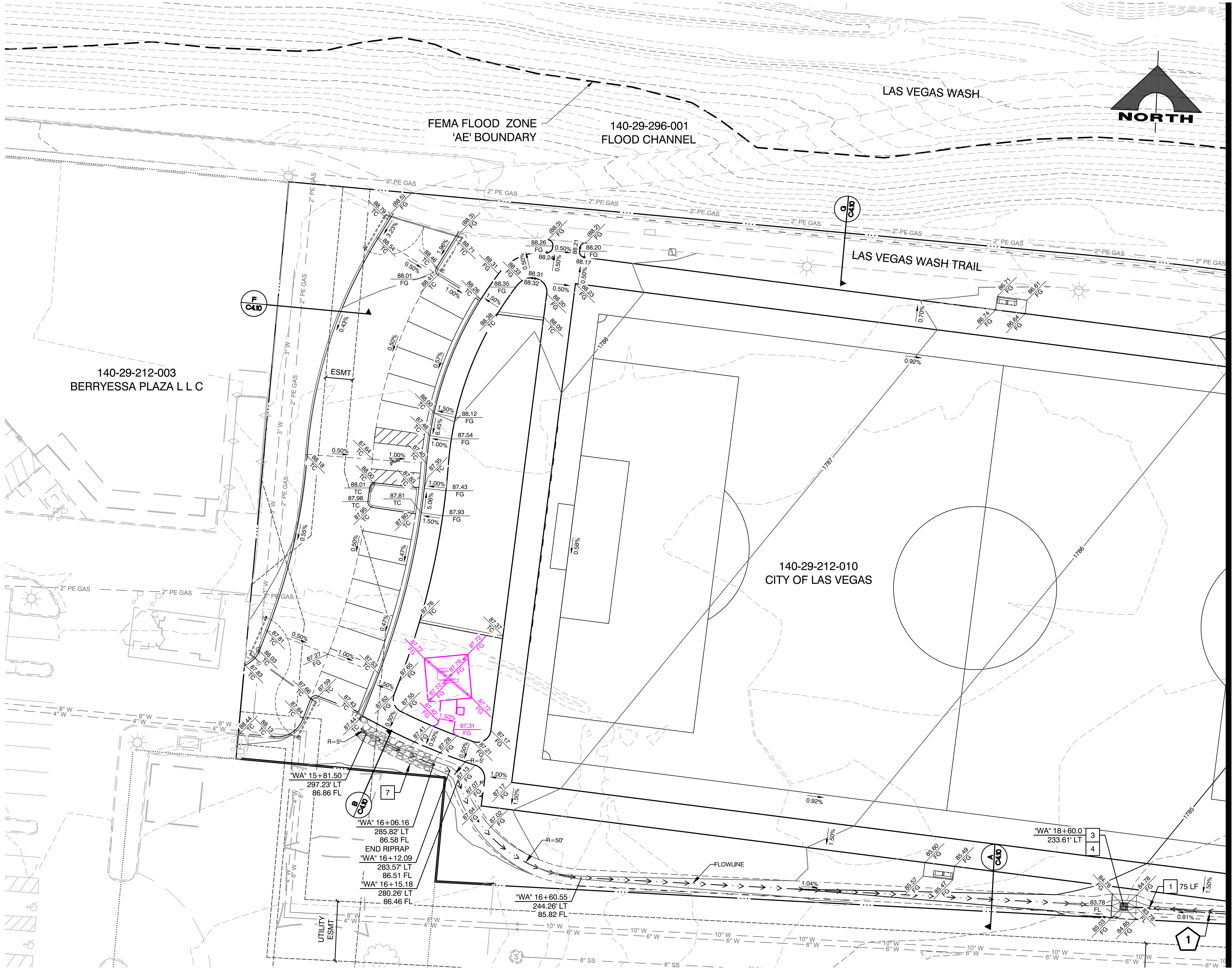
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HANSON NO	59811
SHT NO	

C3.08



FIRE LANE SIGN

C3 09



DRAINAGE NOTES

1. INSTALL 15-INCH PVC NUISANCE STORM DRAIN PIPE
2. INSTALL 12-INCH SQUARE BASIN KIT (NDS OR APPROVED EQUAL) WITH 8-INCH PVC DOWN PIPE & 15-INCH X 8-INCH TEE (SEE DETAIL 1, SHEET C4.09)
3. CONSTRUCT TYPE 2 DROP INLET (NDOT STD. PLAN R-4.2.1 SHEET C4.08)
4. CONSTRUCT DROP INLET CONCRETE APRON (NDOT STD. PLAN R-4.2.7 SHEET C4.08)
5. INSTALL 18-INCH RCP STORM DRAIN
6. CONSTRUCT STORM DRAIN MANHOLE (USDOCA STD. DWG. NO. 401 & 406.1 SHEET C4.08)
7. INSTALL BMP SWALE WITH RIPRAP (D50 = 4-INCH, THICKNESS = 8-INCH) (COLOR = PALOMINO CORAL) (SEE DETAIL 2, SHEET C4.09)
8. CONNECT PIPE TO EXISTING DROP INLET (SEE DETAIL 3, SHEET C4.09)

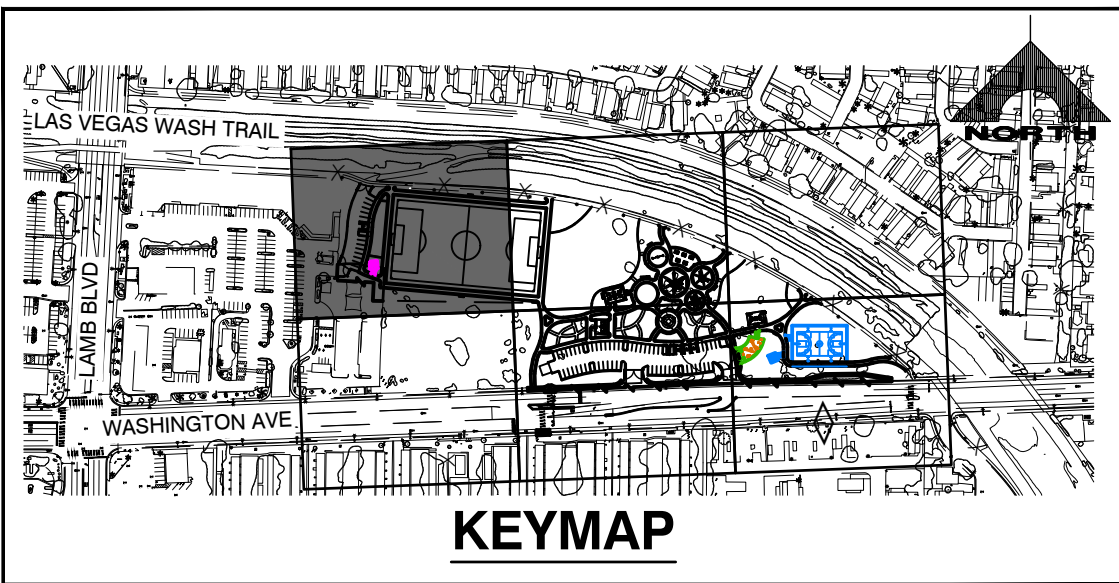
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SD RUN NO		SEE SHEET	
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3	4	C4.07	

FLOOD ZONE NOTE

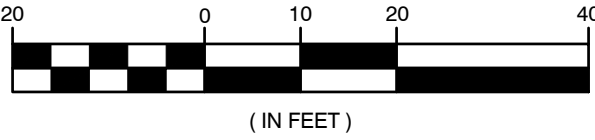
THE PROJECT IS WITHIN A FEMA DESIGNATED SHADED ZONE 'X' (WITHIN THE 500-YR FLOODPLAIN) PER FIRM PANEL 32003C2187F DATED NOVEMBER 16, 2011

LEGEND

- ADDITIVE ALTERNATE 1
- ADDITIVE ALTERNATE 2
- ADDITIVE ALTERNATE 3
- ADDITIVE ALTERNATE 4



GRAPHIC SCALE



CALL BEFORE CONSTRUCTION

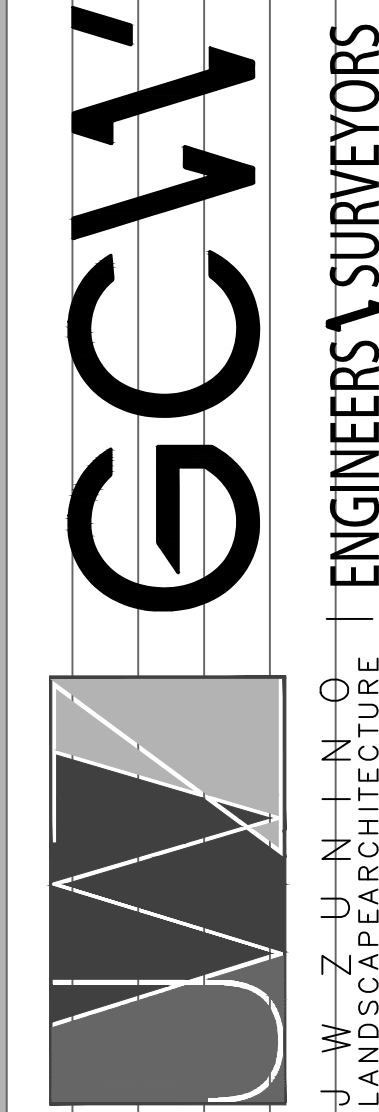
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
BEFORE YOU OVERHEAD	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
	NV ENERGY	702-227-2929

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: PROJECT#

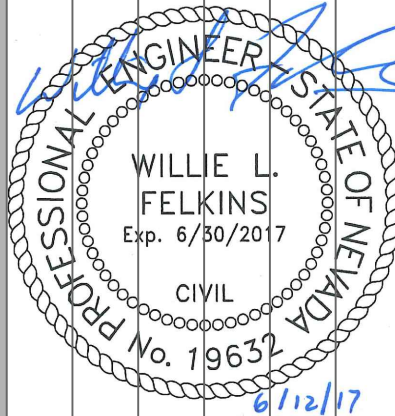
REVISIONS

CONSULTANT



WASHINGTON LAS VEGAS WASH PARK
CITY OF LAS VEGAS
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STORM DRAIN & GRADING PLAN

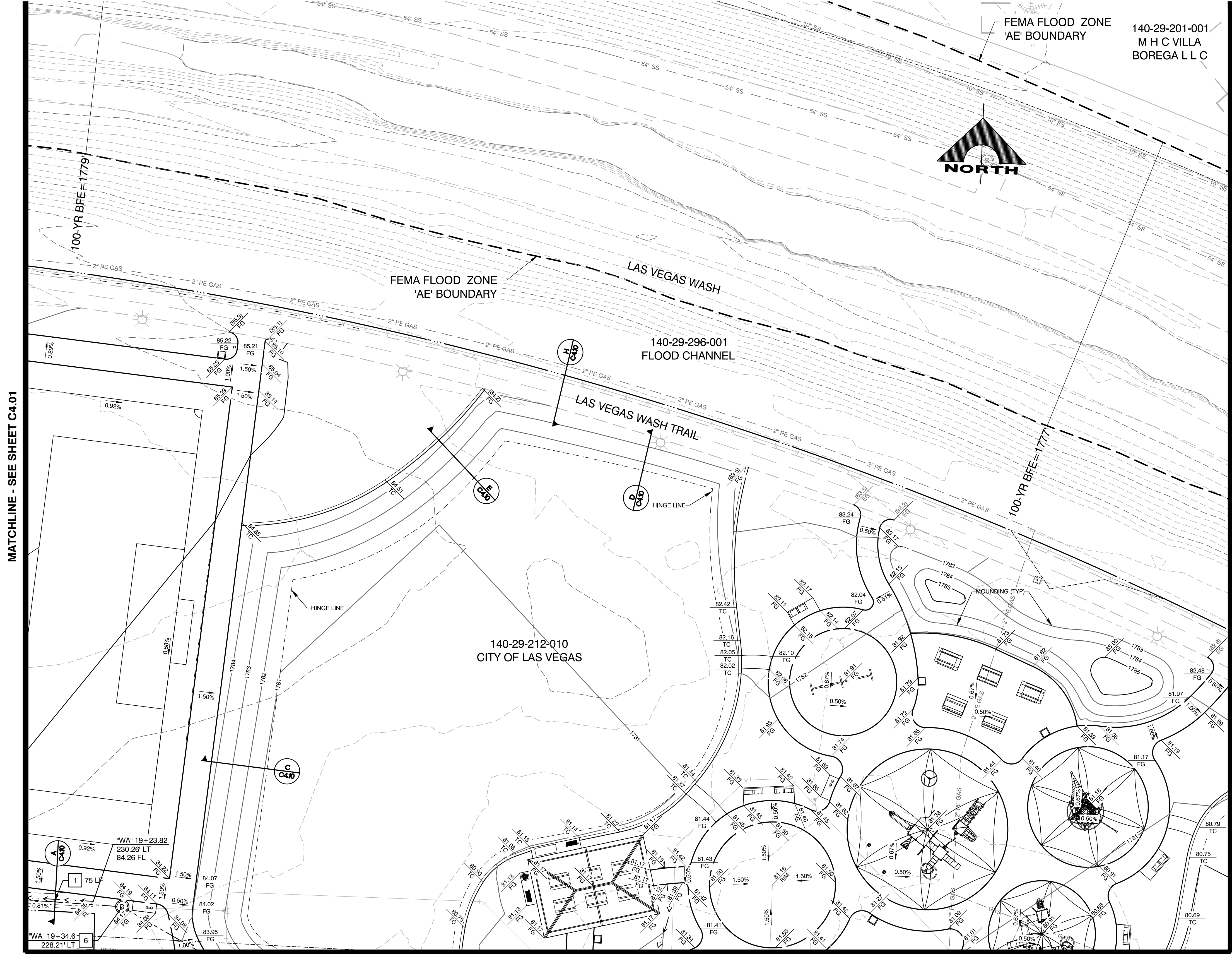
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OWNER: CITY OF LAS VEGAS
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400 EAST STEWART AVENUE
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PHONE: (702) 229-6535
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RID NO	15.59811.DC
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HANSON NO	59811
SHT NO	C4.01



DRAINAGE NOTES

1. INSTALL 15-INCH PVC NUISANCE STORM DRAIN PIPE
2. INSTALL 12-INCH SQUARE BASIN KIT (NDS OR APPROVED EQUAL) WITH 8-INCH PVC DOWN PIPE & 15-INCH X 8-INCH TEE (SEE DETAIL 1, SHEET C4.09)
3. CONSTRUCT TYPE 2 DROP INLET (NDOT STD. PLAN R-4.2.1 SHEET C4.08)
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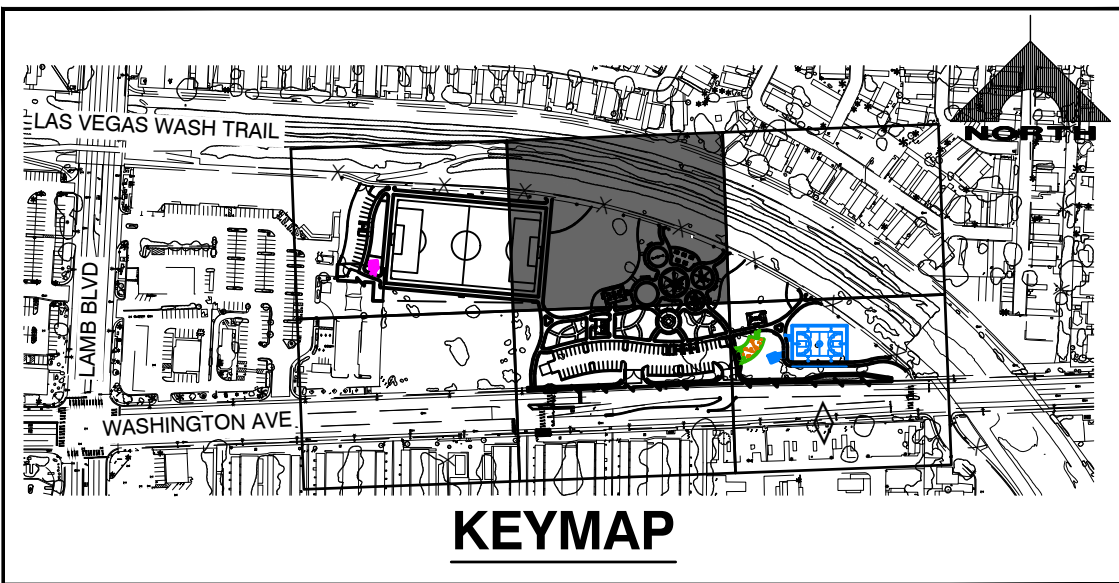
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3	4	C4.07

FLOOD ZONE NOTE

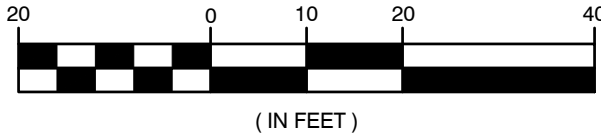
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	ADDITIVE ALTERNATE 4



GRAPHIC SCALE



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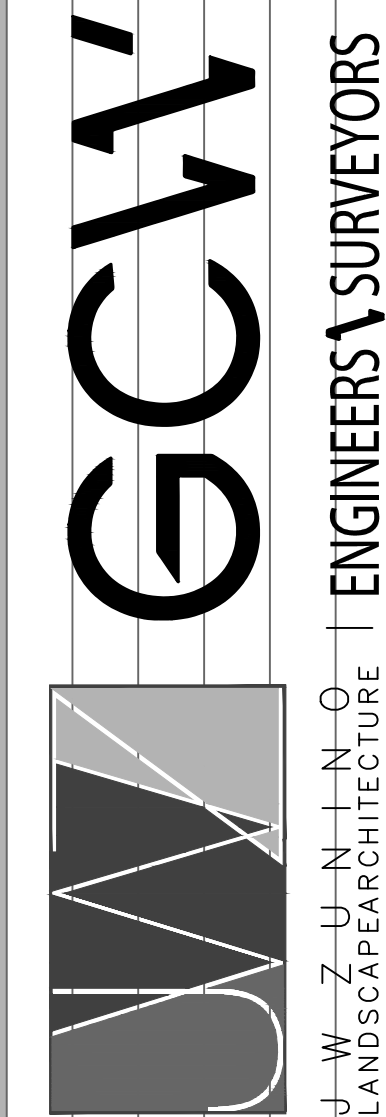
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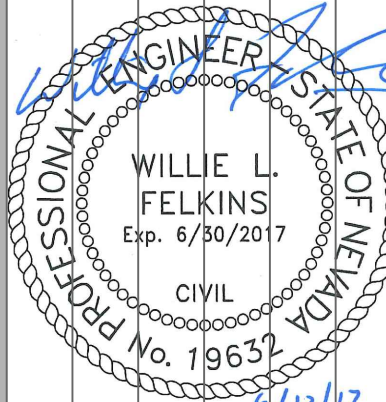
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WASHINGTON LAS VEGAS WASH PARK
CITY OF LAS VEGAS
90% CONSTRUCTION DOCUMENTS
STORM DRAIN & GRADING PLAN

STAMP



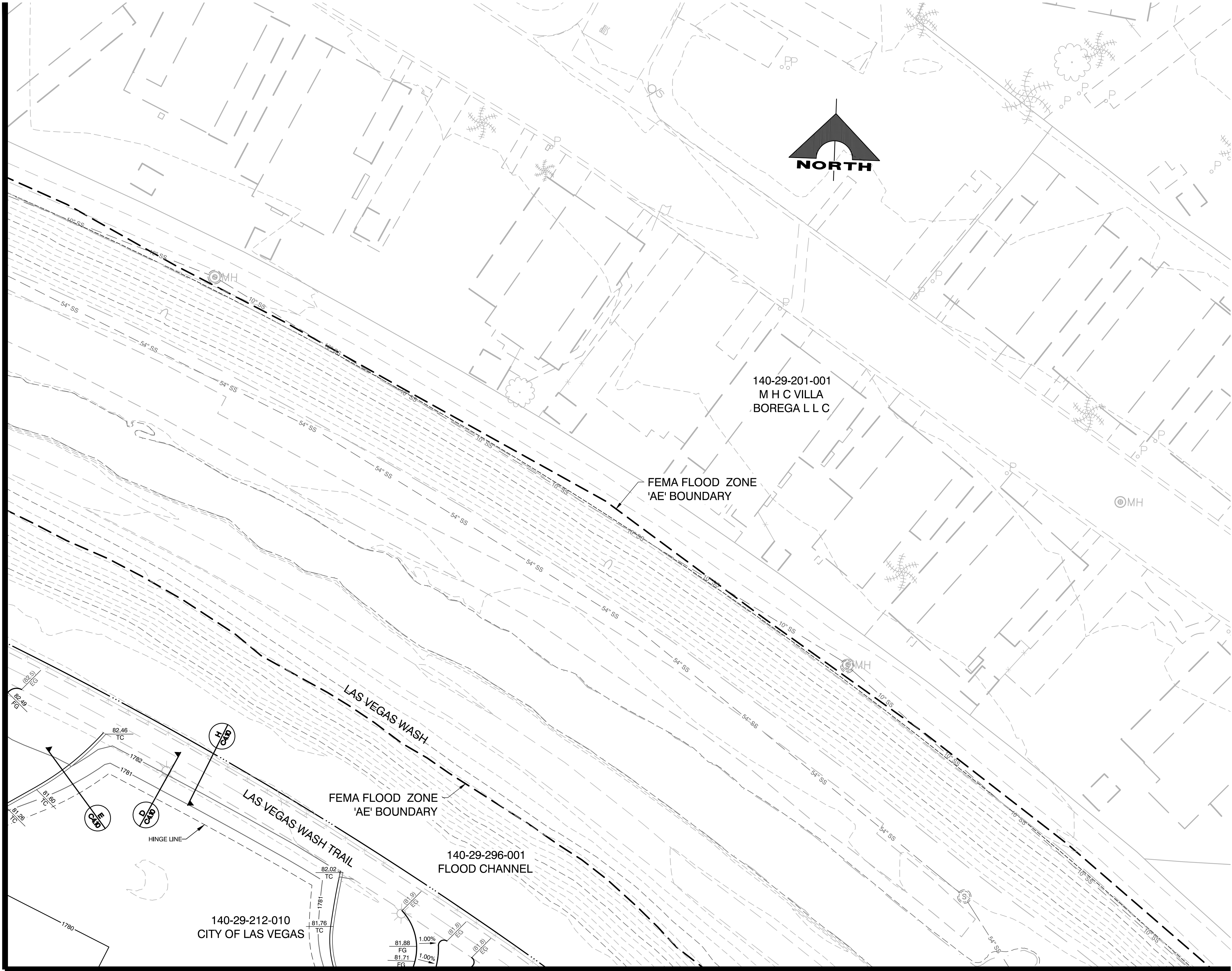
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HANSON NO	59811
SHT NO	

C4.02

MATCHLINE - SEE SHEET C4.02



MATCHLINE - SEE SHEET C4.05

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER

DATE: PROJECT#

DRAINAGE NOTES

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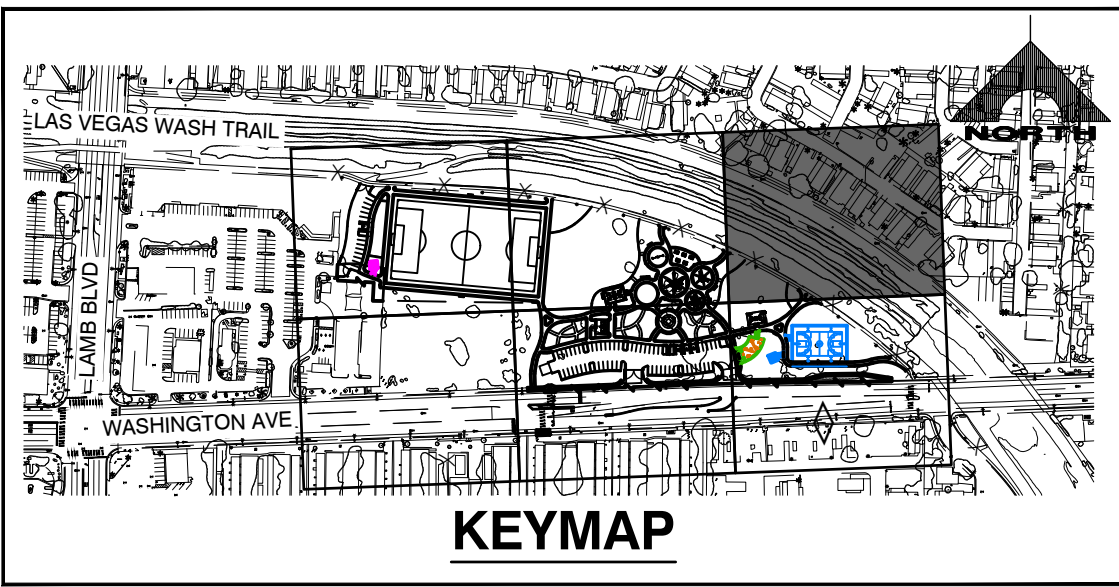
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FLOOD ZONE NOTE

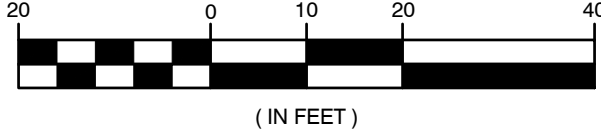
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LEGEND

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	ADDITIVE ALTERNATE 2
	ADDITIVE ALTERNATE 3
	ADDITIVE ALTERNATE 4



GRAPHIC SCALE

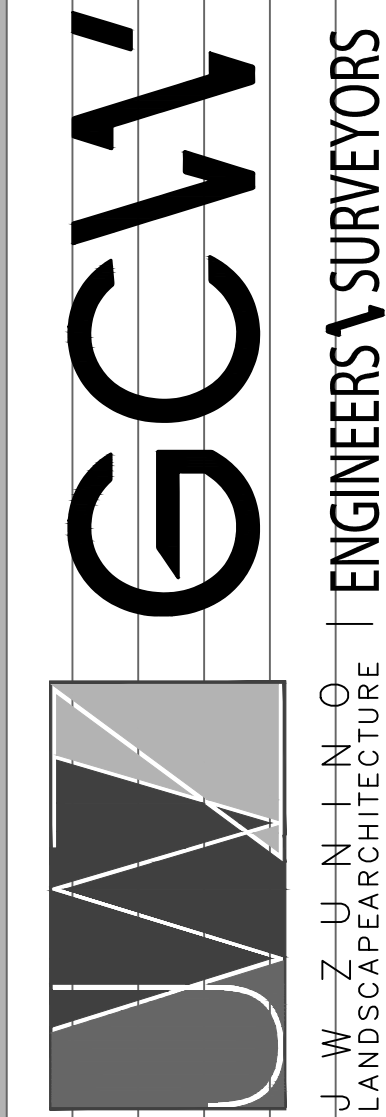


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	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
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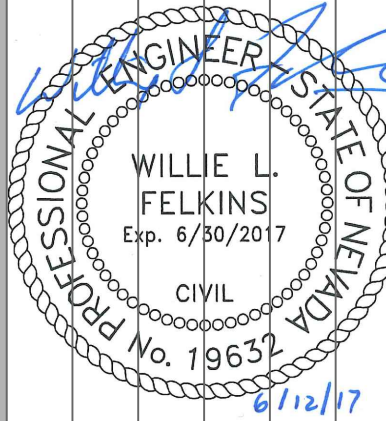
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CITY OF LAS VEGAS
90% CONSTRUCTION DOCUMENTS
STORM DRAIN & GRADING PLAN

STAMP

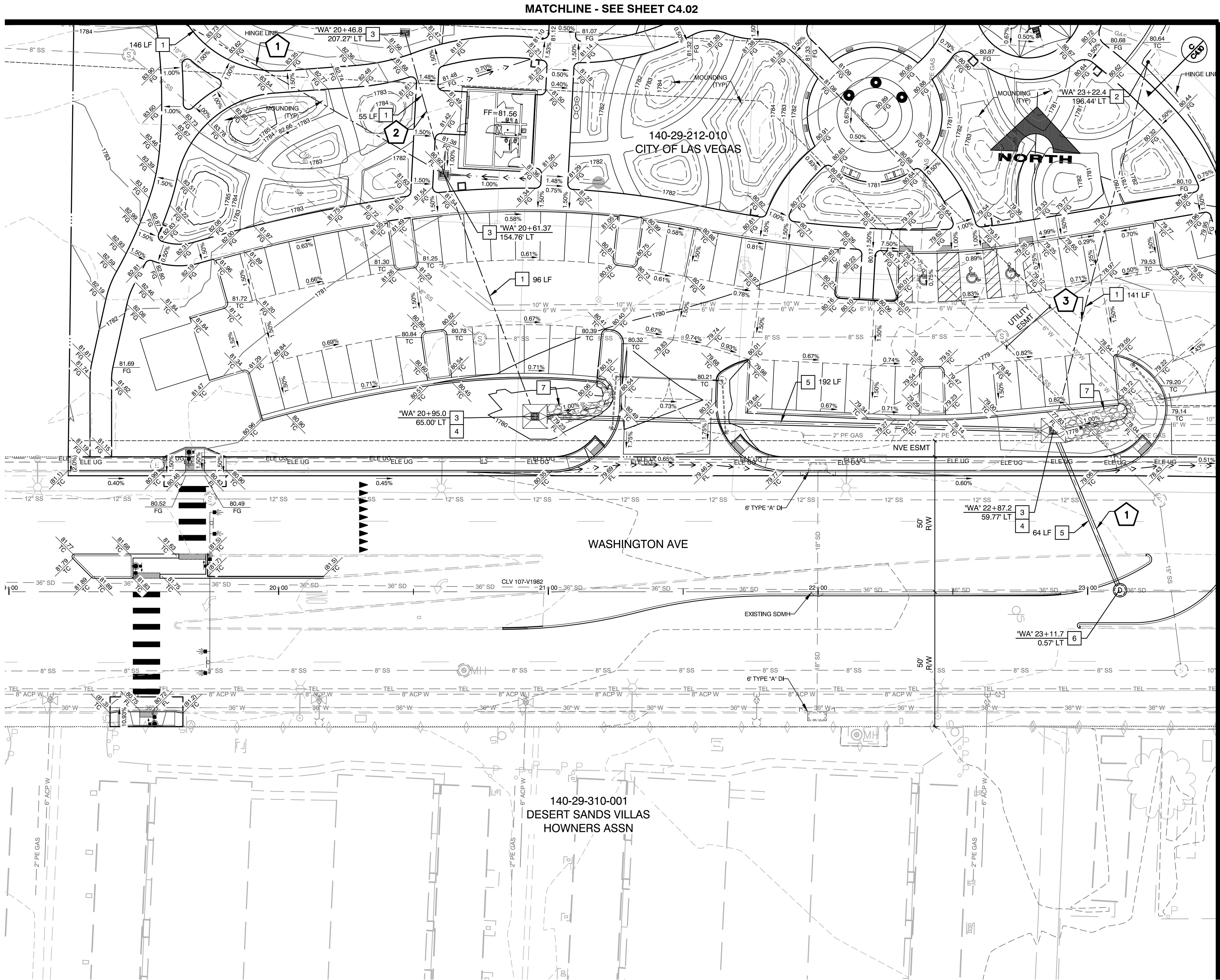


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TDD: (702) 384-6108

DRAWN: FJG
FILE: AS SHOWN
DATE: 05/31/11
SCALE: AS SHOWN
RCD NO: 15.59811.DC
CLV DWG NO: 650.15
HANSON NO: 59811
SHT NO: C4.03

C4.03



DRAINAGE NOTES

1. INSTALL 15-INCH PVC NUISANCE STORM DRAIN PIPE
2. INSTALL 12-INCH SQUARE BASIN KIT (NDS OR APPROVED EQUAL) WITH 8-INCH PVC DOWN PIPE & 15-INCH X 8-INCH TEE (SEE DETAIL 1, SHEET C4.09)
3. CONSTRUCT TYPE 2 DROP INLET (NDOT STD. PLAN R-4.2.1 SHEET C4.08)
4. CONSTRUCT DROP INLET CONCRETE APRON (NDOT STD. PLAN R-4.2.7 SHEET C4.08)
5. INSTALL 18-INCH RCP STORM DRAIN
6. CONSTRUCT STORM DRAIN MANHOLE (USDOCA STD. DWG. NO. 401 & 406.1 SHEET C4.08)
7. INSTALL BMP SWALE WITH RIPRAP (D50 = 4-INCH, THICKNESS = 8-INCH) (COLOR = PALOMINO CORAL) (SEE DETAIL 2, SHEET C4.09)
8. CONNECT PIPE TO EXISTING DROP INLET (SEE DETAIL 3, SHEET C4.09)

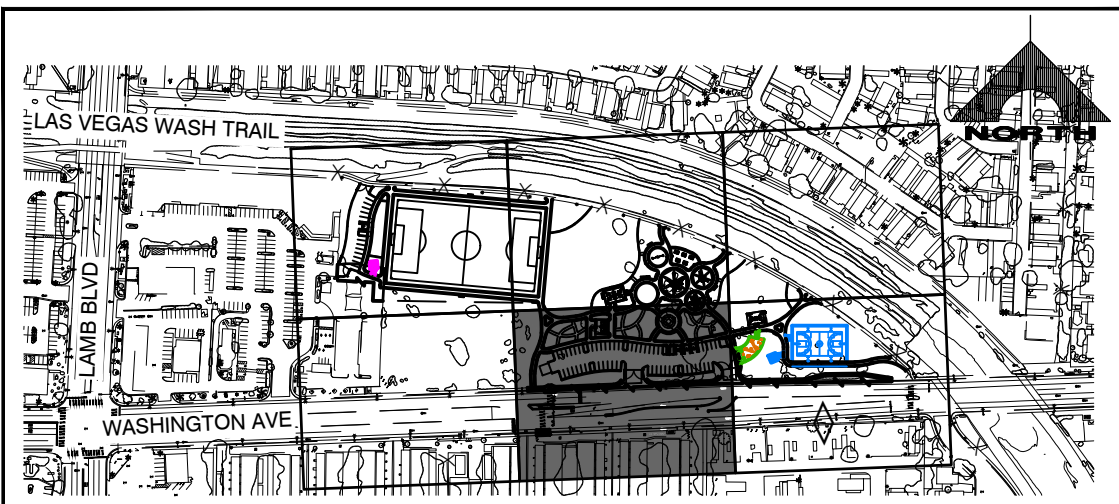
SD PROFILE INDEX			
SD RUN NO		SEE SHEET	
1	2	C4.06	
3	4	C4.07	

FLOOD ZONE NOTE

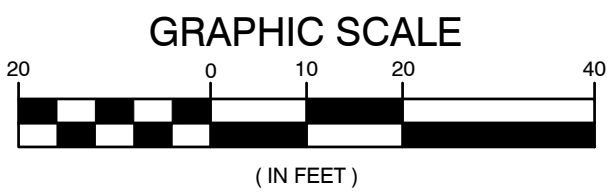
THE PROJECT IS WITHIN A FEMA DESIGNATED SHADED ZONE 'X' (WITHIN THE 500-YR FLOODPLAIN) PER FIRM PANEL 32003C2187F DATED NOVEMBER 16, 2011

LEGEND

	ADDITIVE ALTERNATE 1
	ADDITIVE ALTERNATE 2
	ADDITIVE ALTERNATE 3
	ADDITIVE ALTERNATE 4



KEYMAP



CALL BEFORE CONSTRUCTION

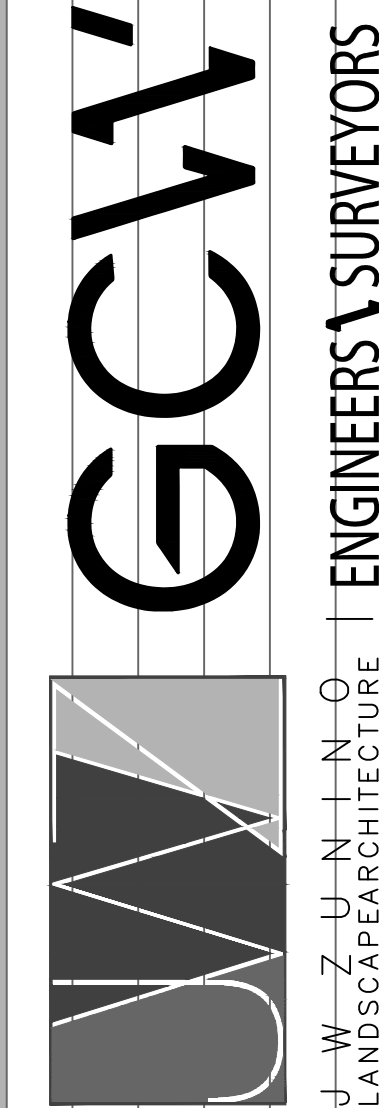
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2800
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APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: PROJECT#

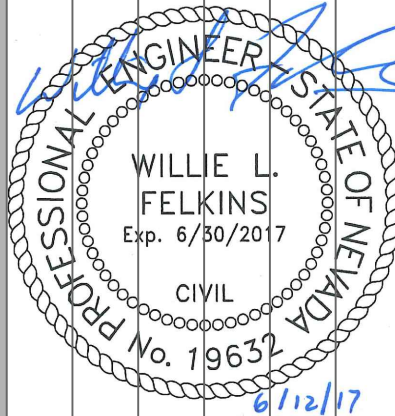
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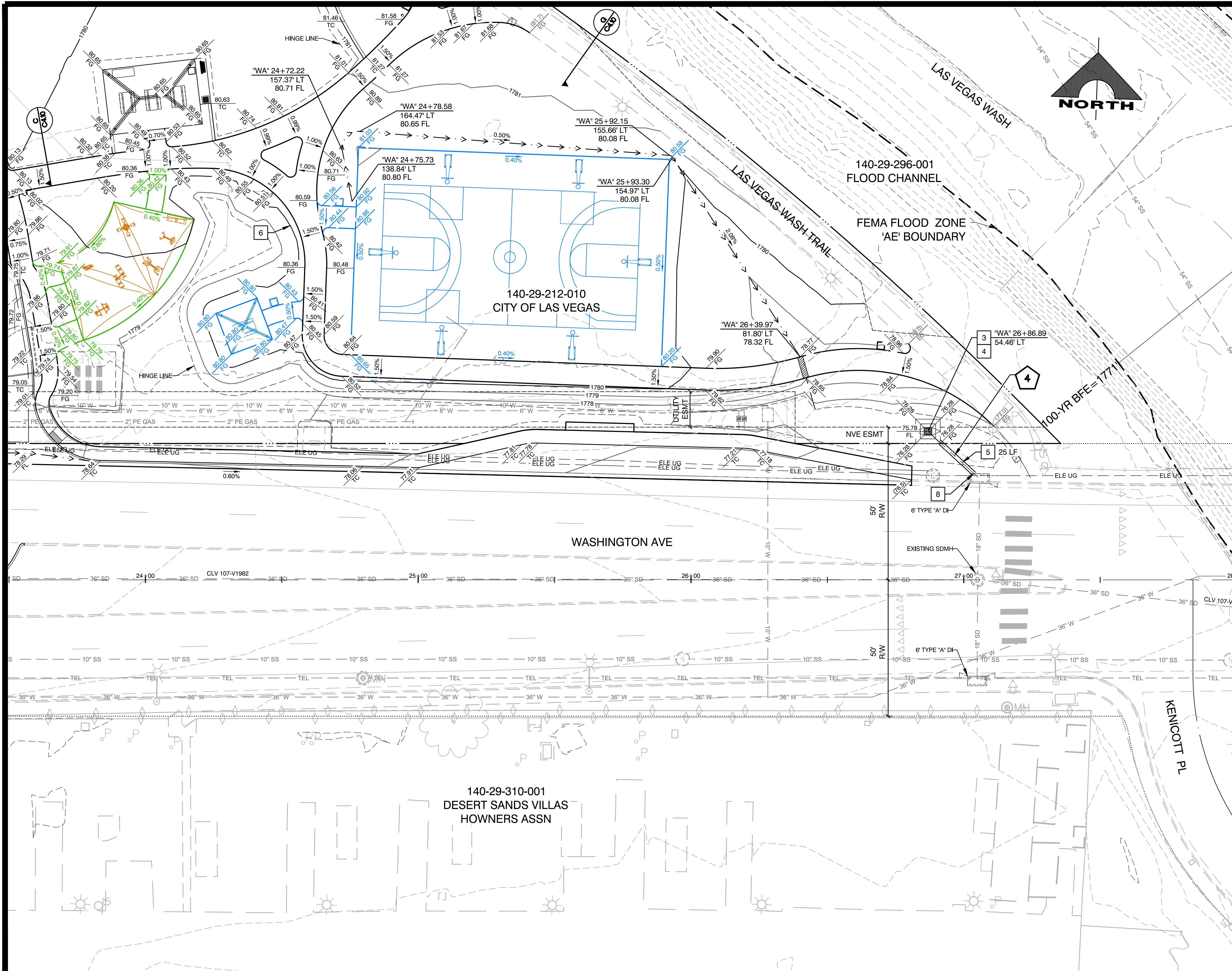
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CLV DWG NO	650.15
HANSON NO	59811
SHT NO	

C4.04

MATCHLINE - SEE SHEET C4.04

MATCHLINE - SEE SHEET C4.03



DRAINAGE NOTES

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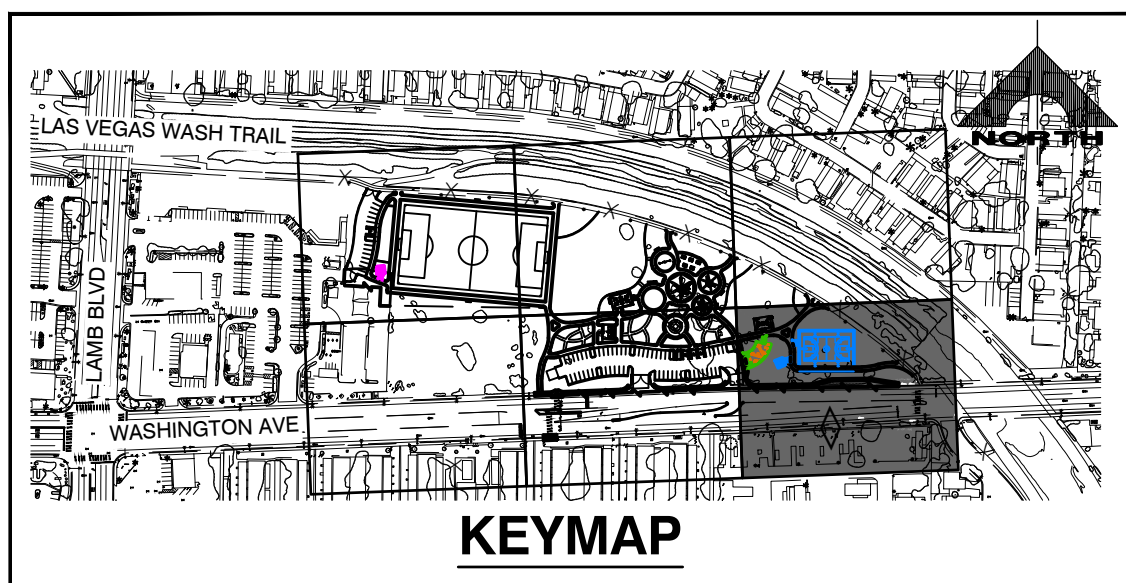
SD PROFILE INDEX			
SD RUN NO		SEE SHEET	
1	2	C4.06	
3	4	C4.07	

FLOOD ZONE NOTE

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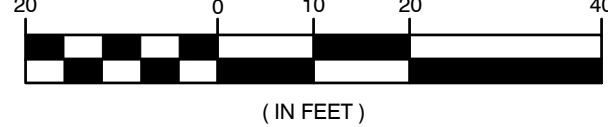
LEGEND

	ADDITIVE ALTERNATE 1
	ADDITIVE ALTERNATE 2
	ADDITIVE ALTERNATE 3
	ADDITIVE ALTERNATE 4



KEYMAP

GRAPHIC SCALE



CALL BEFORE CONSTRUCTION

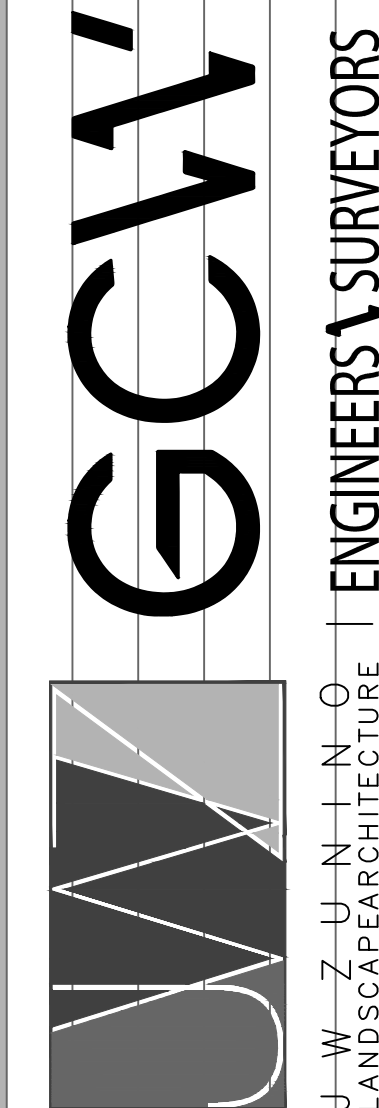
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LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
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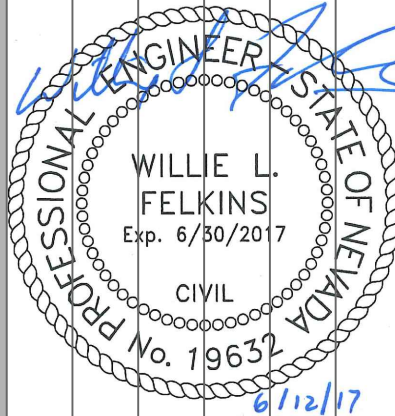
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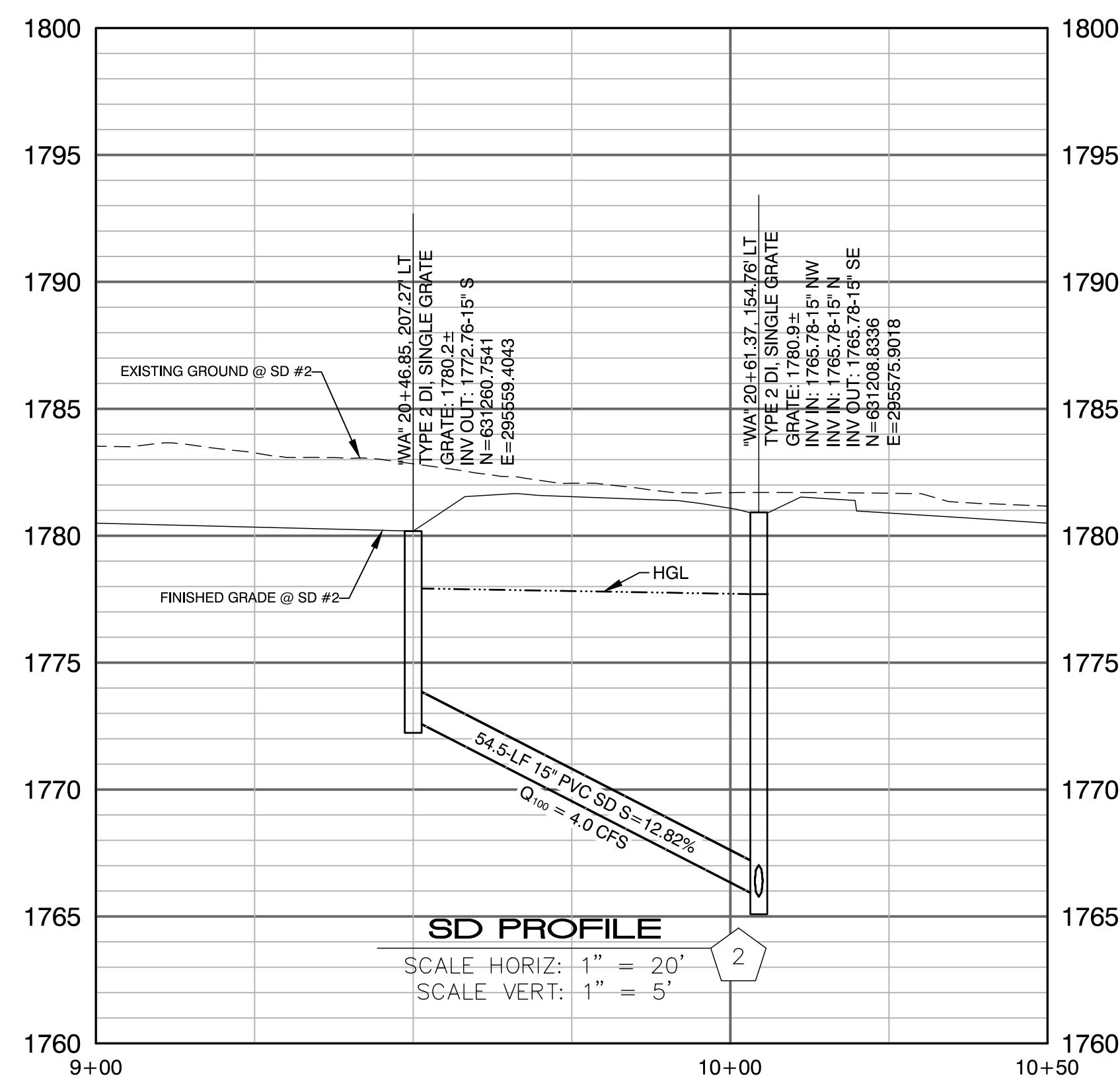
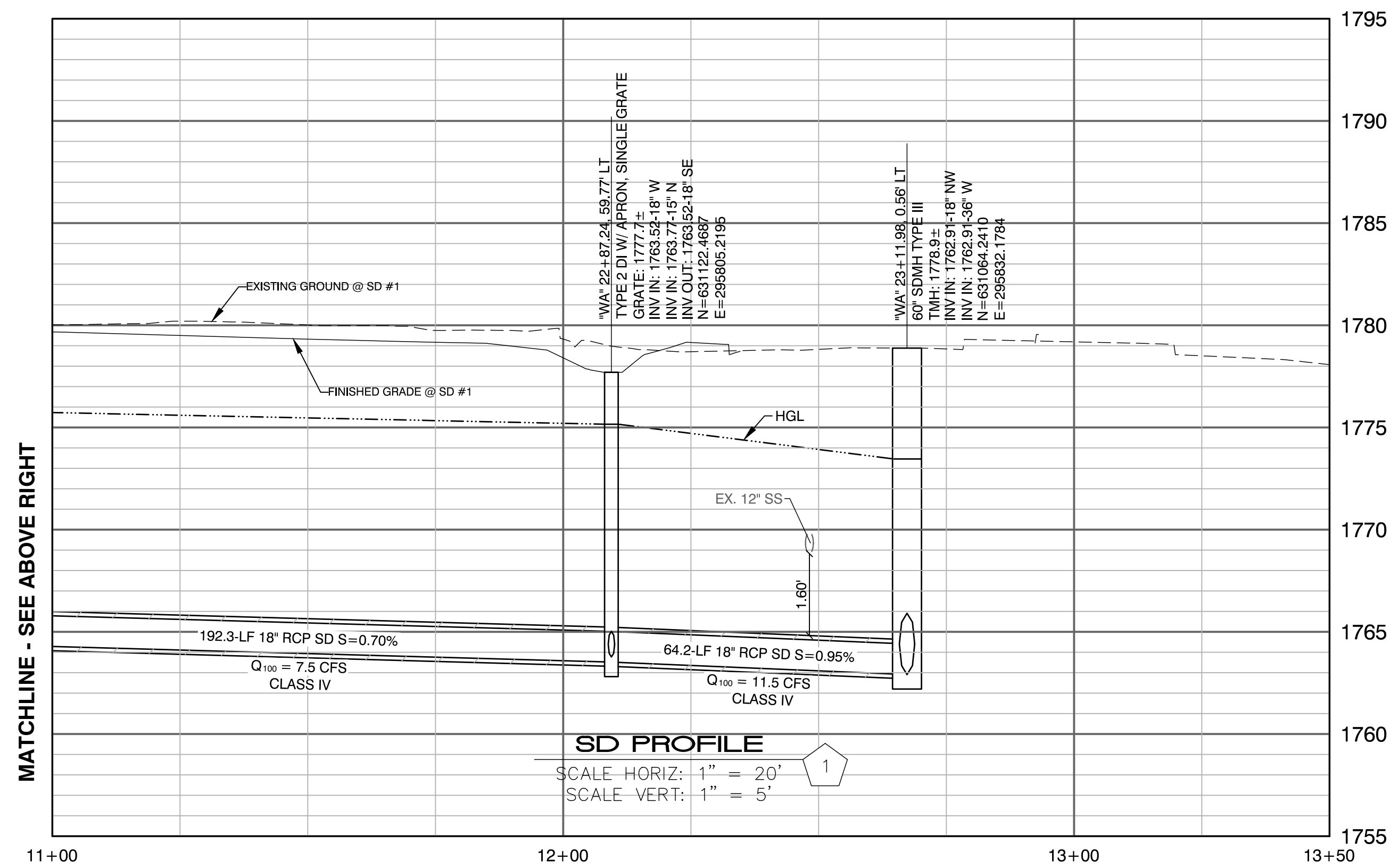
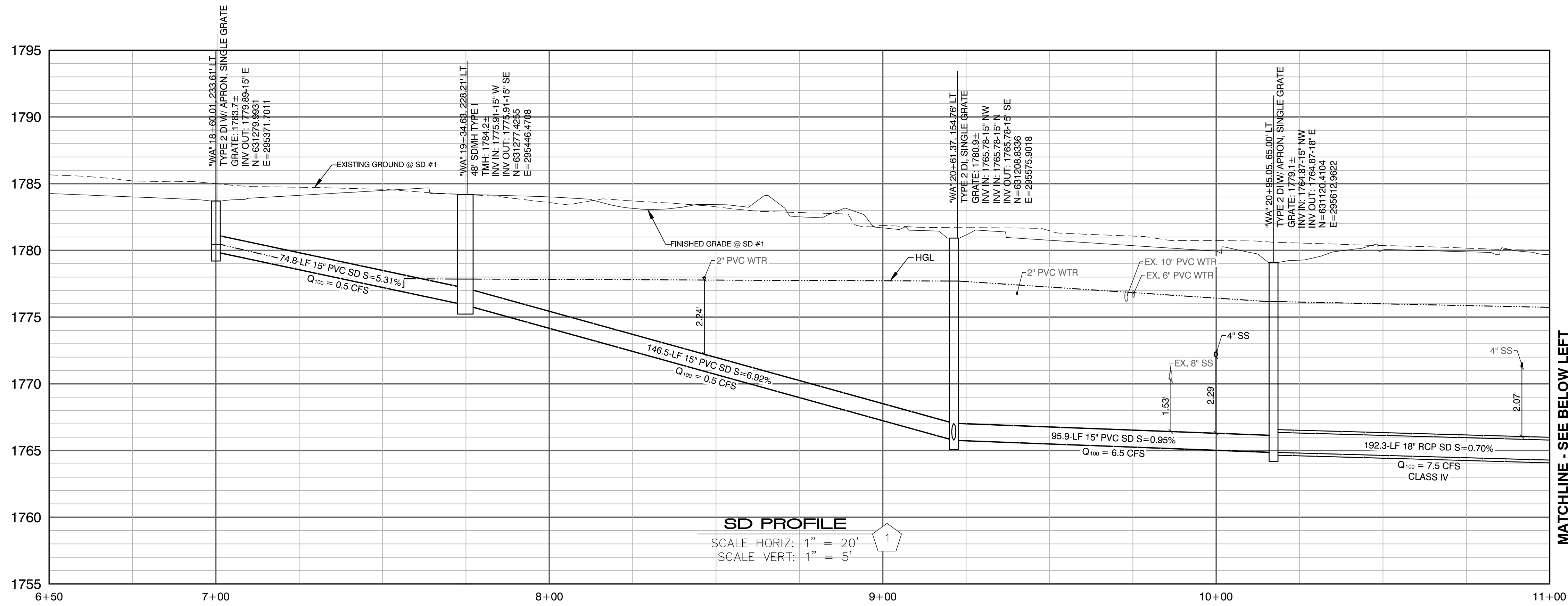


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CLV DWG NO	650.15
HANSON NO	59811
SHT NO	

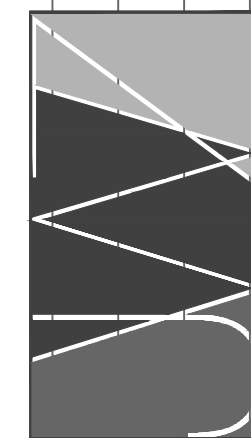
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ENGINEERS SURVEYORS

LANDSCAPE ARCHITECTURE

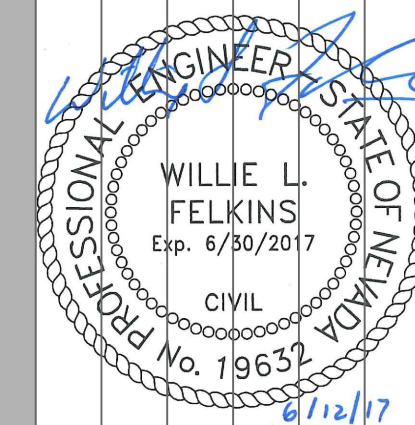
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STORM DRAIN PROFILES

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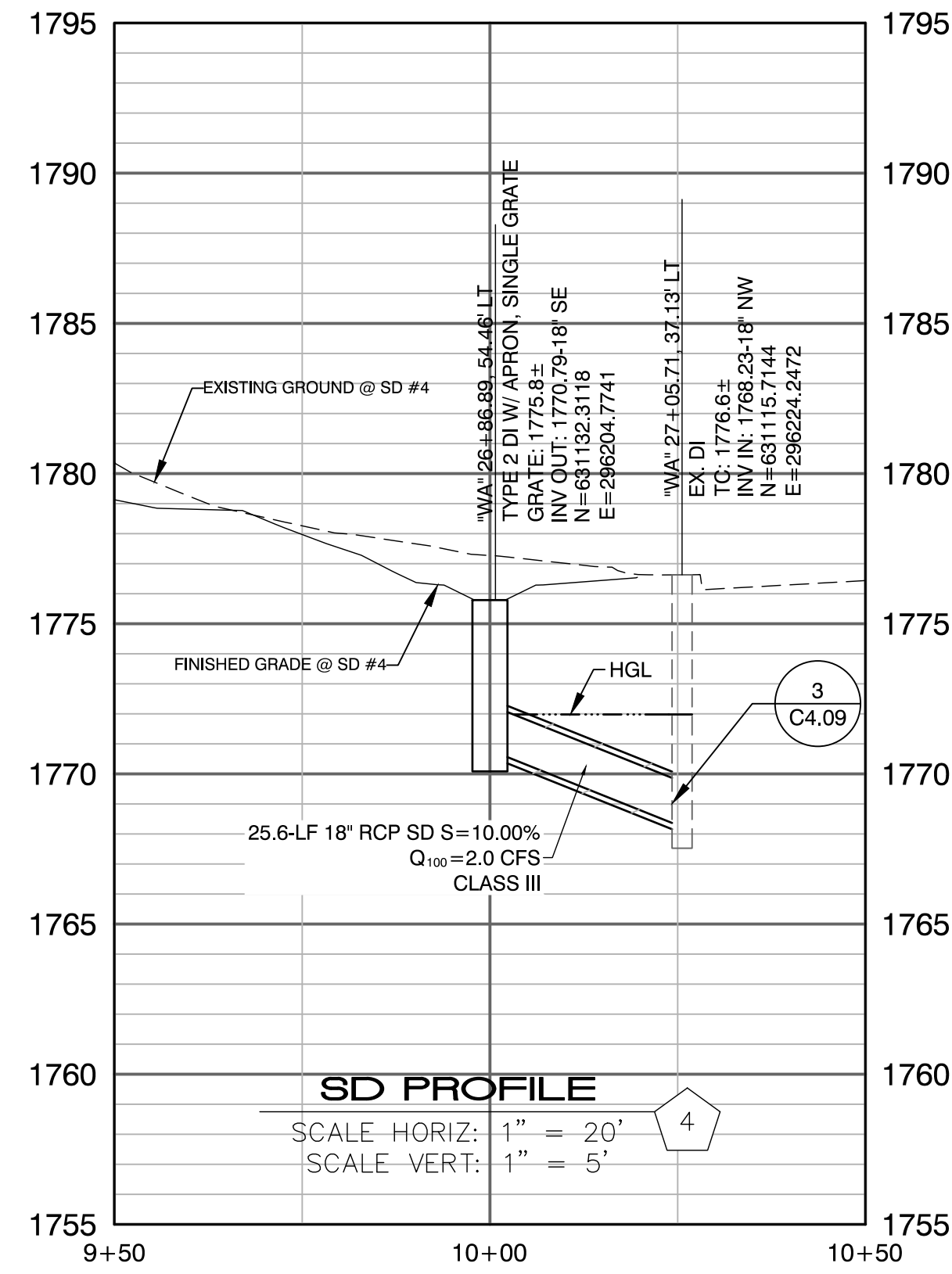
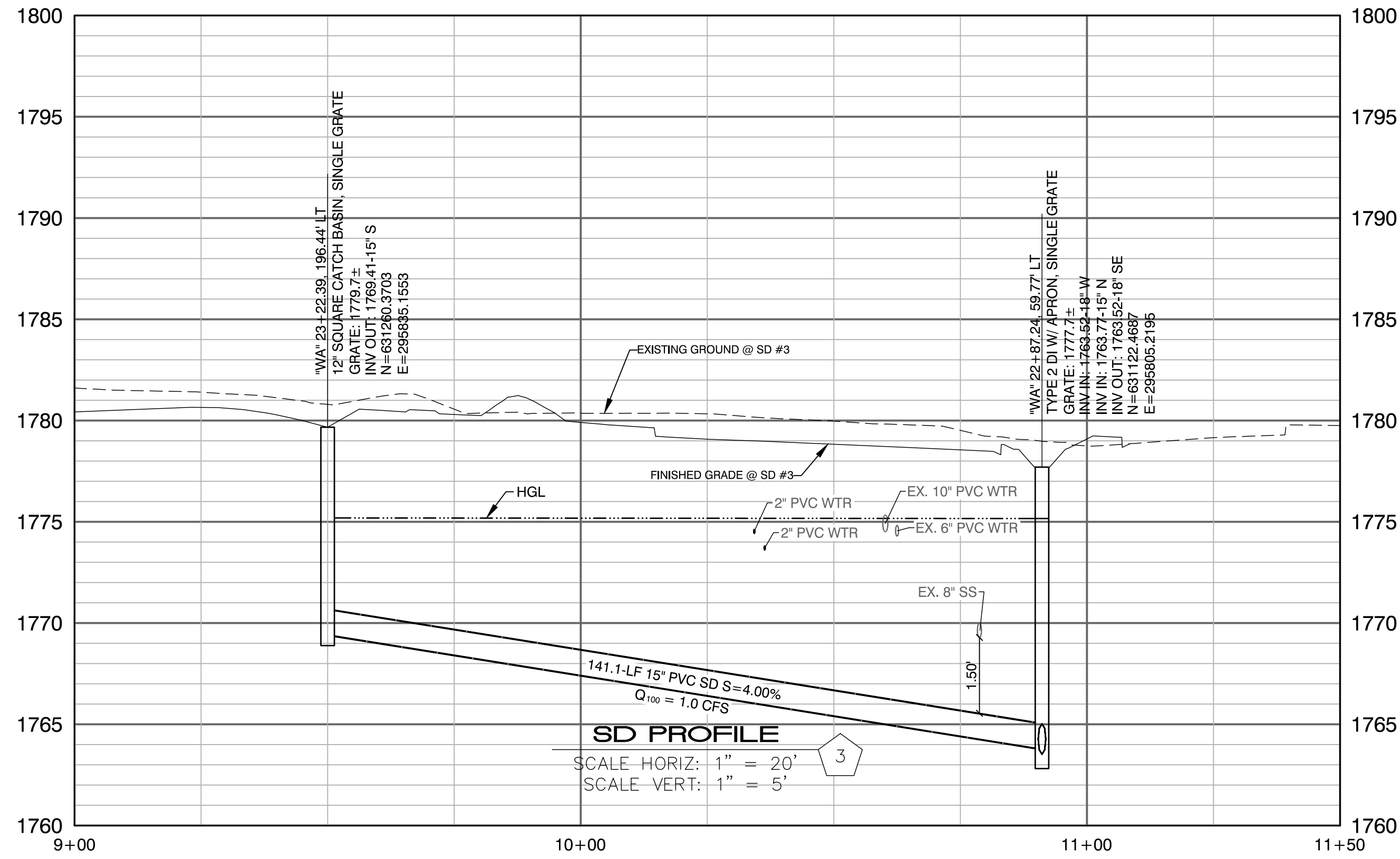
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PHONE: (702) 229-6535
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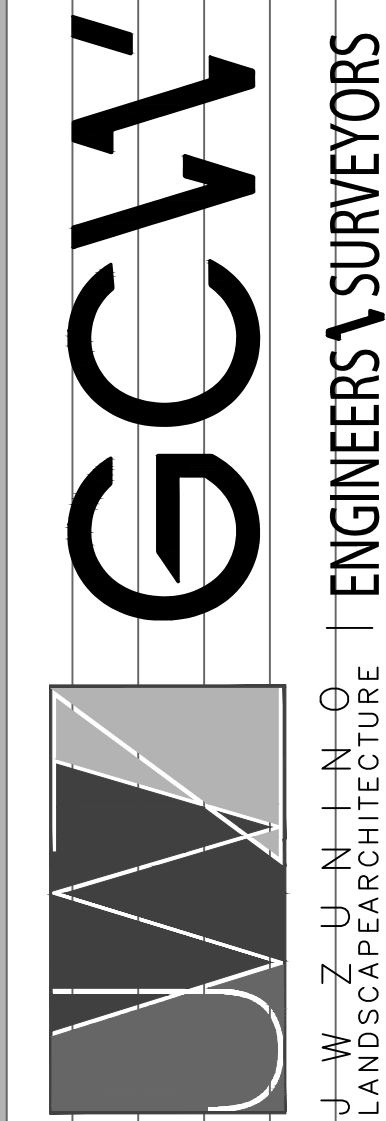
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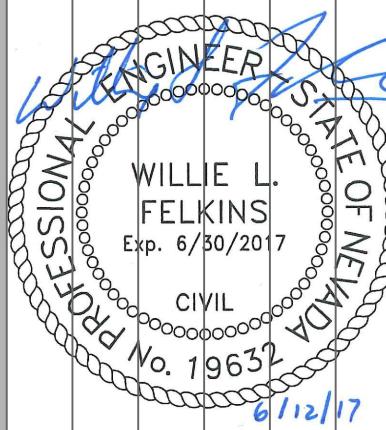
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HANSON NO	59811
SHT NO	

C4.07

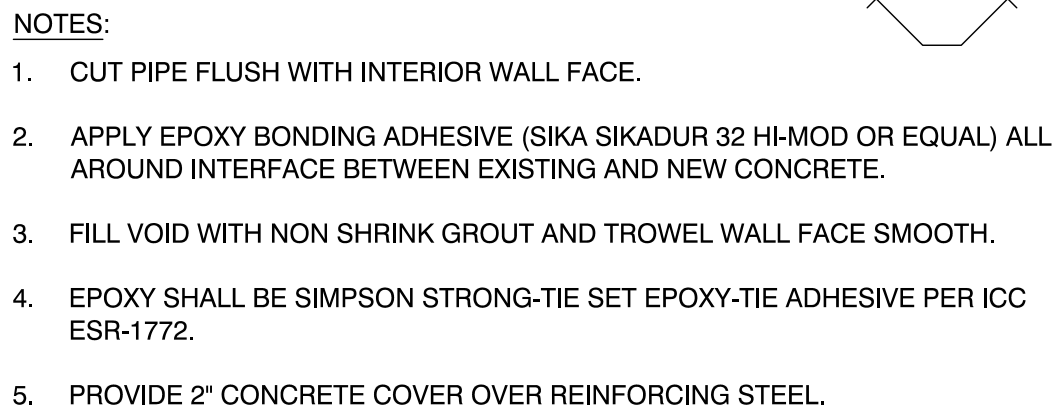
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A. THIRTY (30) INCH THROUGH SIXTY (60) INCH PIPE ON TANGENT LINE WITH A CHANGE IN GRADE OR PIPE SIZE.

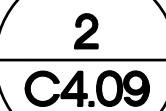
10. MANHOLE SPACING SHALL BE REFERRED TO THE WASTE WATER COLLECTION STANDARDS

1. STEPS SHALL BE INSTALLED ON THE UPSTREAM WALL OF THE MANHOLE.
2. THE USE OF A 30" RING AND COVER SHALL BE APPROVED BY THE ENTITY ENGINEER

C4.08



3
C4.09



$\frac{3}{8}$ " Grate Opening

Load Recommendation Guide

Material: UV Protected High Density Polyethylene (HDPE)
Weight: 2.33 lbs
Colors: Gray (1210), Black (1211), Green (1212), Sand (1212S)
Fits: Use with 12" catch basin series
Grate Openings: 50.76 in² open space
Will accommodate: 155.28 gallons per minute with 1/2" of head.

Made in USA.

ADA Compliance

INOS provides a wide selection of grates that are compliant with the Americans with Disabilities Act. The ADA Accessibility Guidelines For Buildings and Facilities Section 4.5.4 specifies that ground and floor grates "shall have spaces no greater than 1/2 in (13 mm) wide in one direction."

Note: Some installations may require a concrete collar to meet load rating. Loads are based on encasing product in concrete. Product must be installed using NDS instructions.



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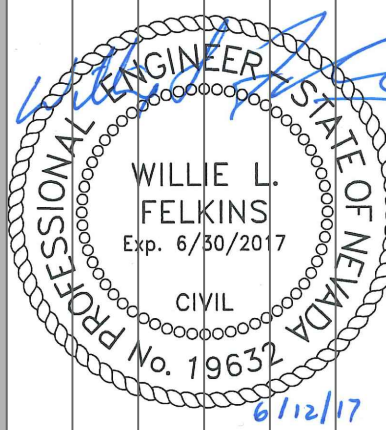
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WZUNNO
LANDSCAPE ARCHITECTURE

GCW
ENGINEERS SURVEYORS

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CITY OF LAS VEGAS
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STORY DRAIN DETAILS

STAM

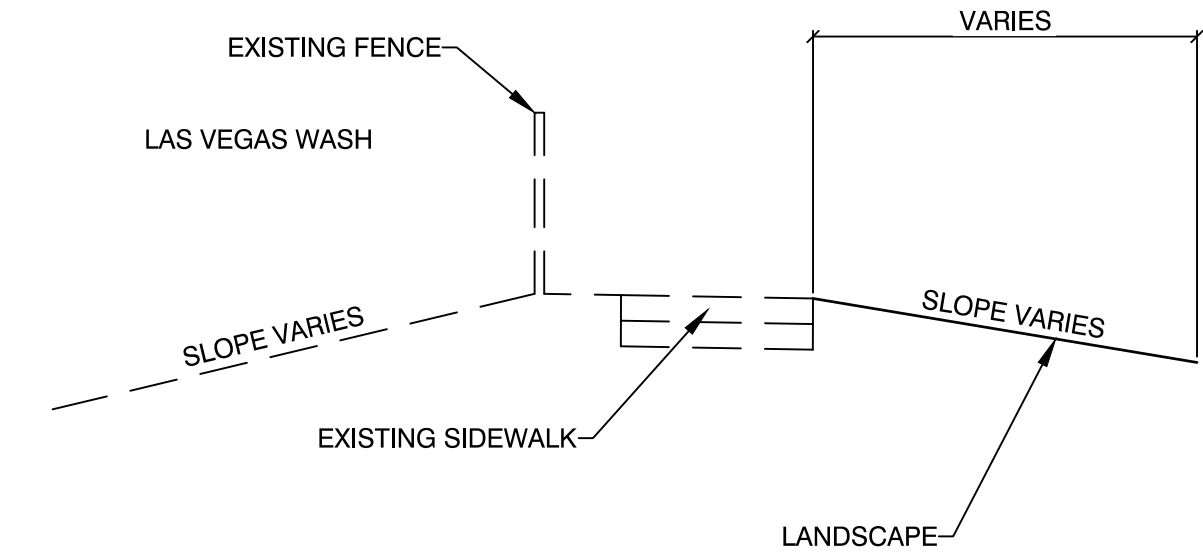


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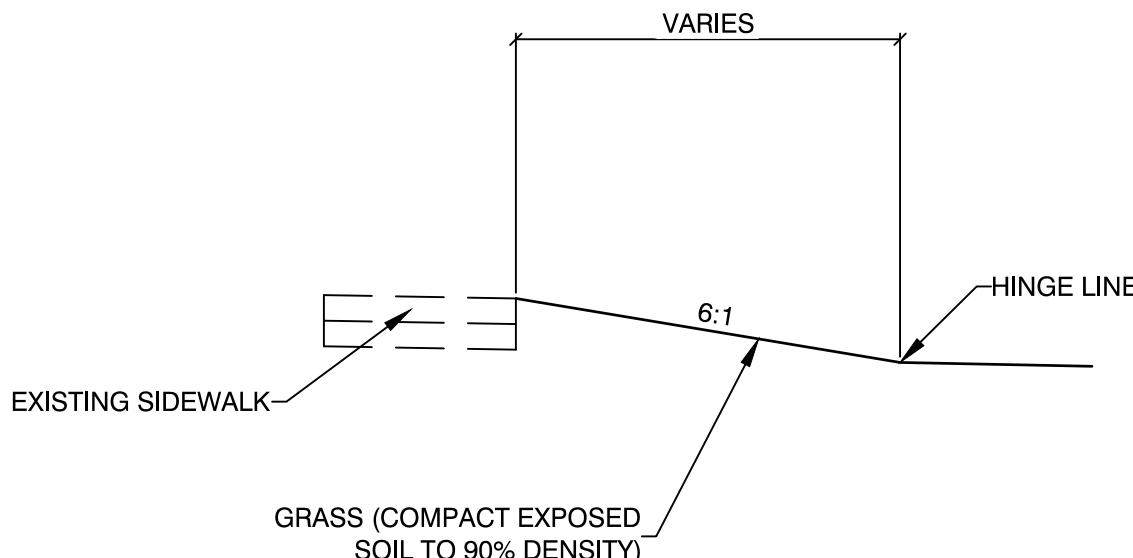
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HANSON NO	59811		
SHT NO			

C4.09



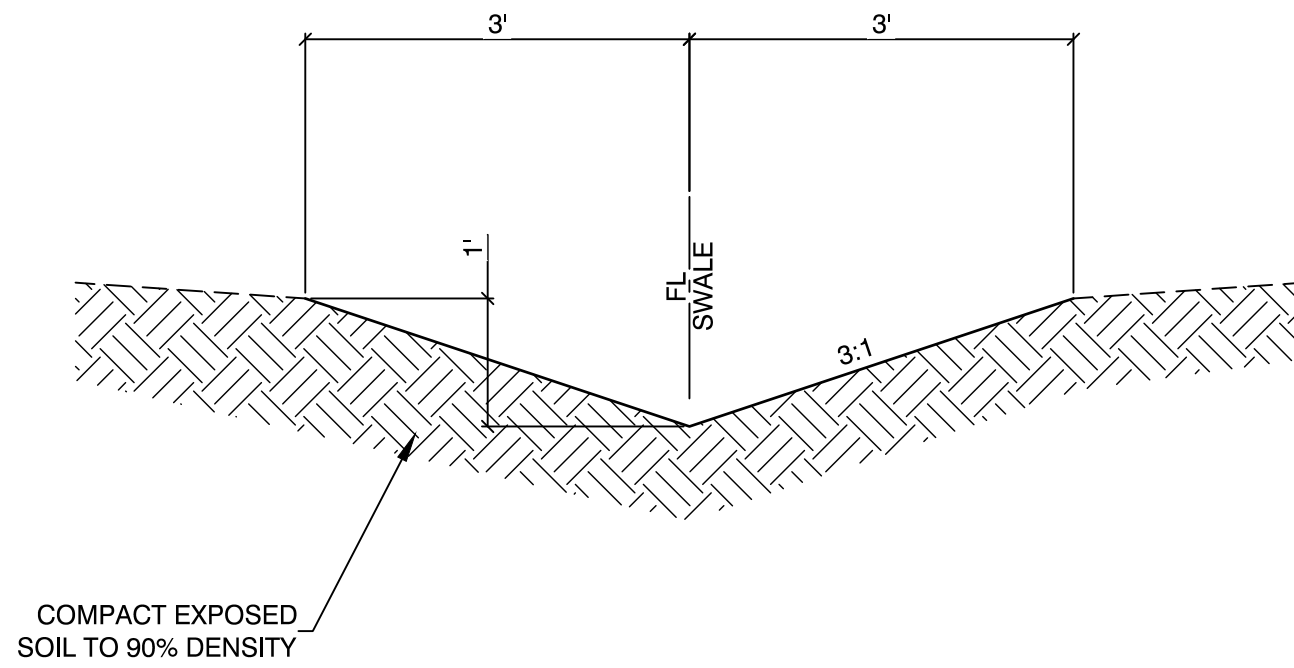
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NOT TO SCALE

G
C4.10



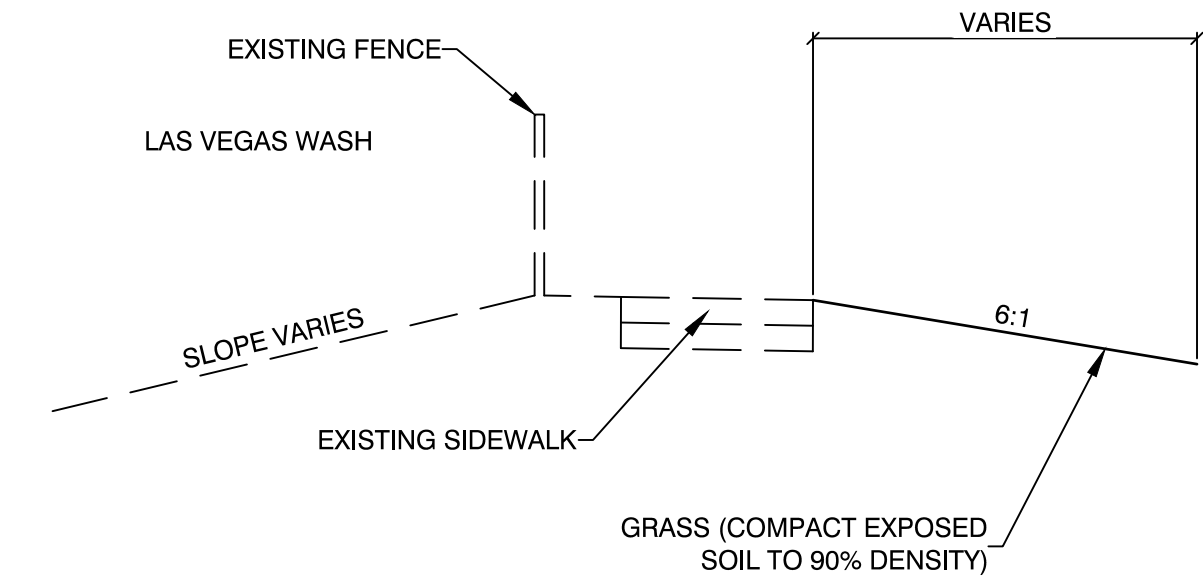
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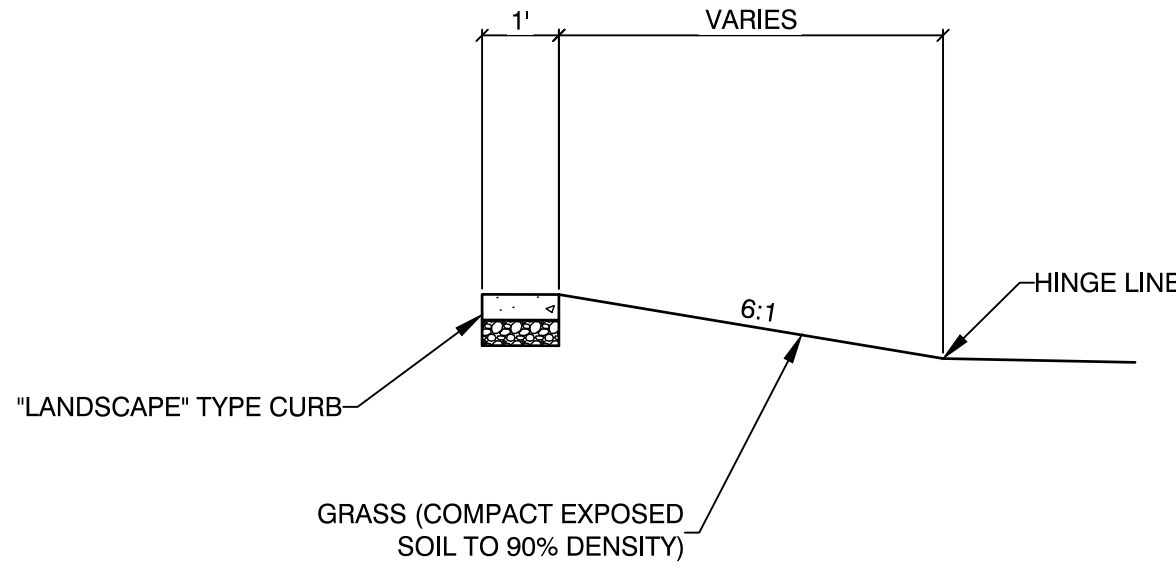
SWALE (EARTH LINED)
NOT TO SCALE

A
C4.10



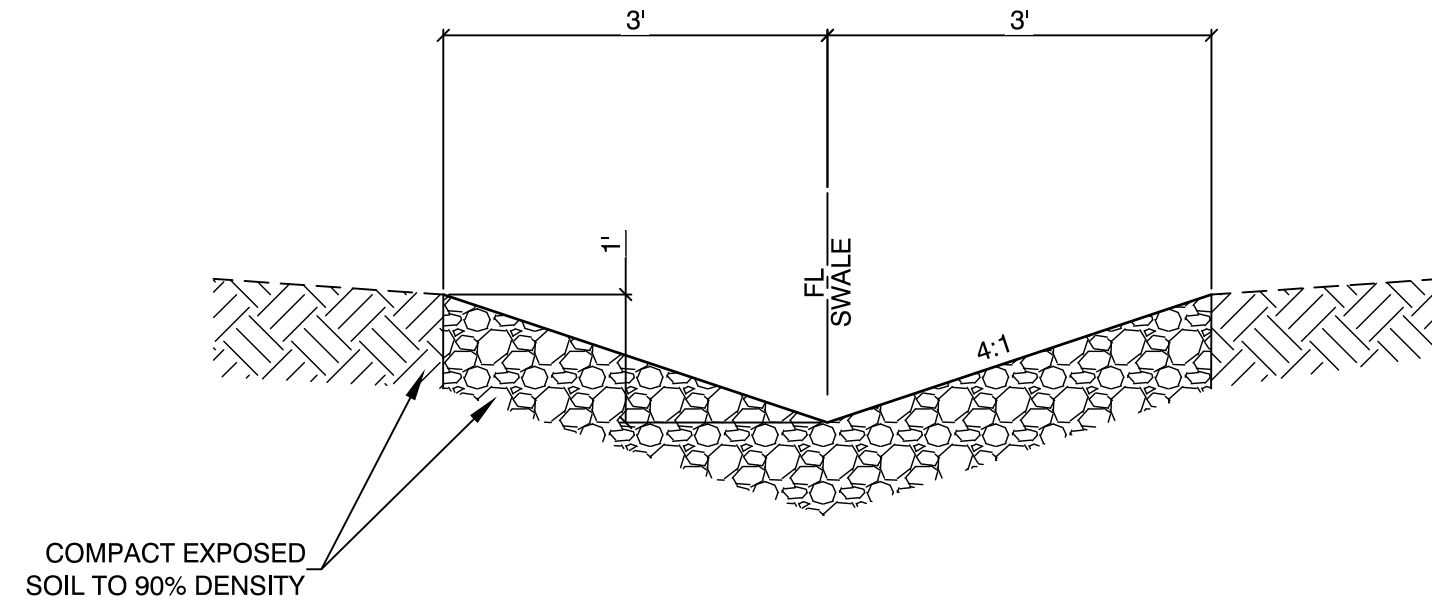
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NOT TO SCALE

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C4.10



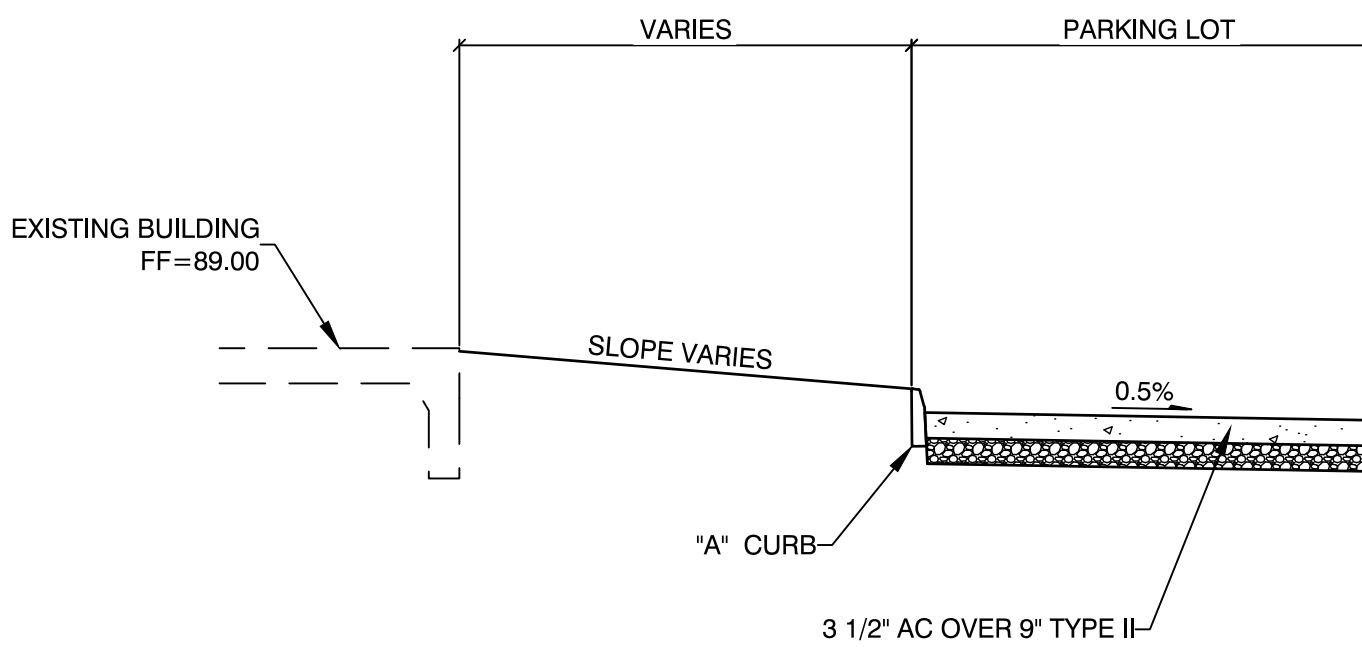
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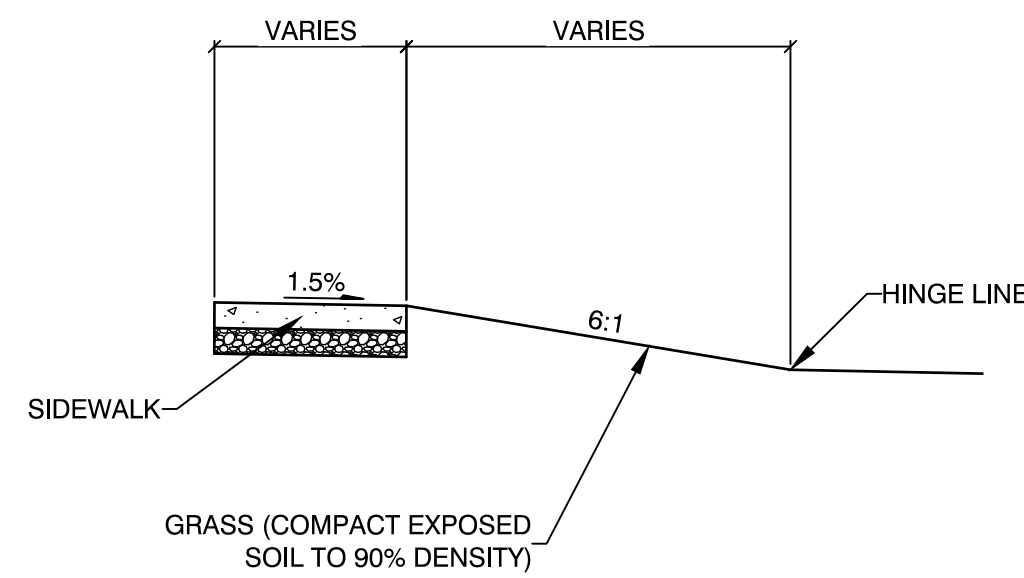
BMP SWALE (RIP RAP LINED)
NOT TO SCALE

B
C4.10



SECTION
NOT TO SCALE

F
C4.10

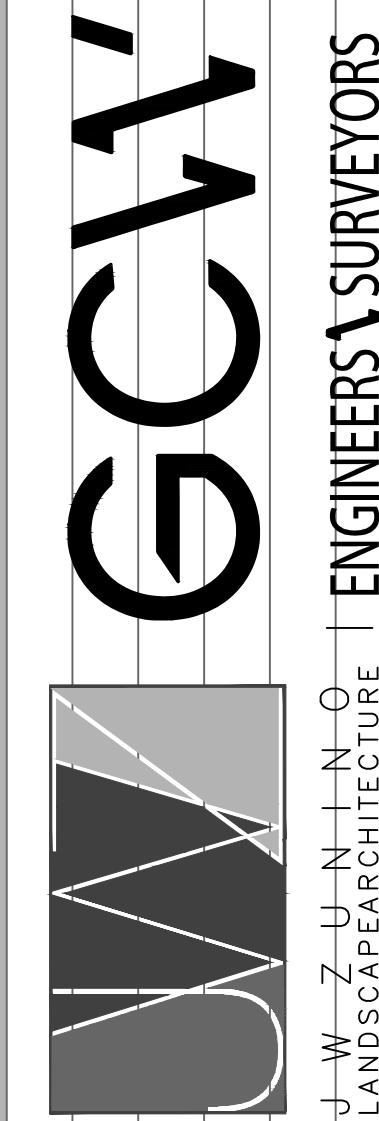


SECTION
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C4.10

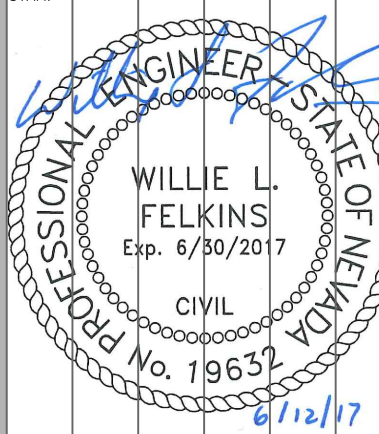
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