



DRB Chair, Planning Department
Development Review Board Members
City of Albuquerque
600 Plaza del Sol, 600 2nd NW, Albuquerque, NM 87102

December 12, 2019

RE: MARRIOT HOTEL AT WINROCK MALL – DRB SUBMITTAL FOR SITE PLAN FOR BUILDING PERMIT

DRB PROJECT NUMBER: PR –2018-001579

APPLICATION NUMBER: PS-2019-00105 – Sketch Plat

SI-2019-00355 – Site Plan Amendment

SI-2019-00354 – Site Plan

Members of the Development Review Board,

Subsequent to comments provided at the DRB Hearing on November 20, 2019 we have the following written responses as well as the accompanying revised documents and drawings. We look forward to reviewing with you at our next scheduled hearing on December 18, 2019.

TRANSPORTATION DEVELOPMENT

1. All infrastructure that was recommended in the approved Traffic Impact Study for the Winrock Masterplan Redevelopment shall be placed onto an Infrastructure List. The Transportation Department is still awaiting a phasing plan to show when certain infrastructure is going to be built with different phases of development.
 - a. Addressed:
 - i. A meeting was held with staff regarding the TIS improvements. An agreement on the phasing of said improvements was agreed upon with staff.
2. Clarify where new construction ties to existing on all sides of the building.
 - a. Addressed:
 - i. See SP-1A2: Line Type Legend
3. Clarify parking requirements for surrounding sites due to impact of adding the hotel.
 - a. Addressed:
 - i. The hotel parcel parks independently on its own parcel, being created by this

100 Sun Avenue NE, Suite 305, Albuquerque, NM 87109

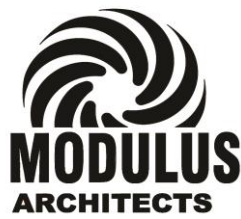
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planning action, prior to this the Winrock Town Center was well overpark with a newly constructed underground parking structure with 987 parking spaces which to-date is greatly underutilized but was constructed in anticipation of future growth.

4. The "Typical Street Sidewalk" should be a minimum of 6 inches in thickness, and follow the COA Standard Specifications to support vehicular traffic.
 - a. Addressed:
 - i. See A1.1 Site Details: Note 7
5. Provide a street cross-section for the street east of the hotel development with any reconstruction, and provide a copy of the final plat. (Generally, any roads built within public roadway easements or right-of-way dedication to the City of Albuquerque require a work order.)
6. Label all on-site concrete walkways, curb and label the asphalt parking lot on the site plan as well as the signs such as the motorcycle parking signs and handicapped space signs.
 - a. Addressed:
 - i. See Sheet SP-1A2
7. The concrete sidewalk detail should show a maximum 2% cross-slope.
 - a. Addressed:
 - i. See Sheet A1.1 - Site Details: Note 17
8. Obtain Fire Marshall approval for the site plan.
 - a. Addressed:
 - i. See attached Exhibit 1 – Hotel- Fire One Plan
9. Please add the clear sight triangle to each parking lot entrance. Add the following note as well: "Landscaping, fencing and signing will not interfere with clear sight requirements. Therefore, signs, walls, trees, and shrubbery between 3 and 8 feet tall (as measured from the gutter pan) will not be acceptable in the clear sight triangle."
10. The ADA access aisle shall have the words "**NO PARKING**" in capital letters, each of which shall be at least one foot high and at least two inches wide, placed at the rear of the parking space so as to be close to where an adjacent vehicle's rear tire would be placed. (66-1-4.1.B NMSA 1978)
 - a. Addressed:
 - i. See Sheet A1.2 - Site Details: Note 5 & 9



11. The ADA accessible parking sign must have the required language per 66-7-352.4C NMSA 1978 **"Violators Are Subject to a Fine and/or Towing."** If that language is present it is not visible in the detail.
 - a. Addressed:
 - i. See Sheet A1.2 – Site Details : Note 6

HYDROLOGY

1. An approved Conceptual Grading and Drainage Plan is required.
 - a. Addressed:
 - i. See Sheet C100 – Drainage Plan
 - ii. See Sheet C102 – Grading Plan for DRB Plan

PLANNING DEPARTMENT

1. The project number and application number are not listed on Sheet SP-1A2.
 - a. Addressed:
 - i. See Sheet SP-1A2
2. On Sheet SP-1A2, the zoning designation needs to be fixed to MX-H.
 - a. Addressed:
 - i. See Sheet SP-1A2: Site Data Table
3. 5-5(E).(1.) of the IDO requires two bicycle spaces + one bicycle space/6,000 square feet GFA of conference, restaurant, bar, and banquet space. In the table on Sheet SP-1A2, it states that ten bicycle spaces are provided and six spaces are required. The applicant does not specify the GFA mixture of the hotel.
 - a. Addressed:
 - i. A floor plan has not been proposed the GFA mixture shall not exceed IDO requirements
4. The table on Sheet SP-1A2 states that there are ten handicapped spaces provided, but only six handicapped spaces are depicted on that sheet.
 - a. Addressed:
 - i. Sheet SP-1A2: Site Data Table
 - ii.
5. Per 5-8(D).(7.), the maximum height of light poles in a mixed zone district is restricted to 20 feet in height, but the height of the light poles in the plans is 25 feet in height, which is five feet higher than the maximum allowed.



- a. Addressed:
 - i. Sheet SP-1A2: Key Note 2
- 6. Make sure that 5-11(E.)(2.) of the IDO regarding façade design is being met.
 - a. Addressed:
 - i. Per the ruling from James Aranda, Deputy Director/Planning Department:

“Upon review of all available pertinent application information and the applicable provisions of the Integrated Development Ordinance, it is my interpretation that the provisions of IDO §5-11 (E)(2) are not applicable to the proposed project, also referred to as the Winrock Hotel (DRB PR-2019-001579).”
 - ii. See Exhibit 2 for full ruling

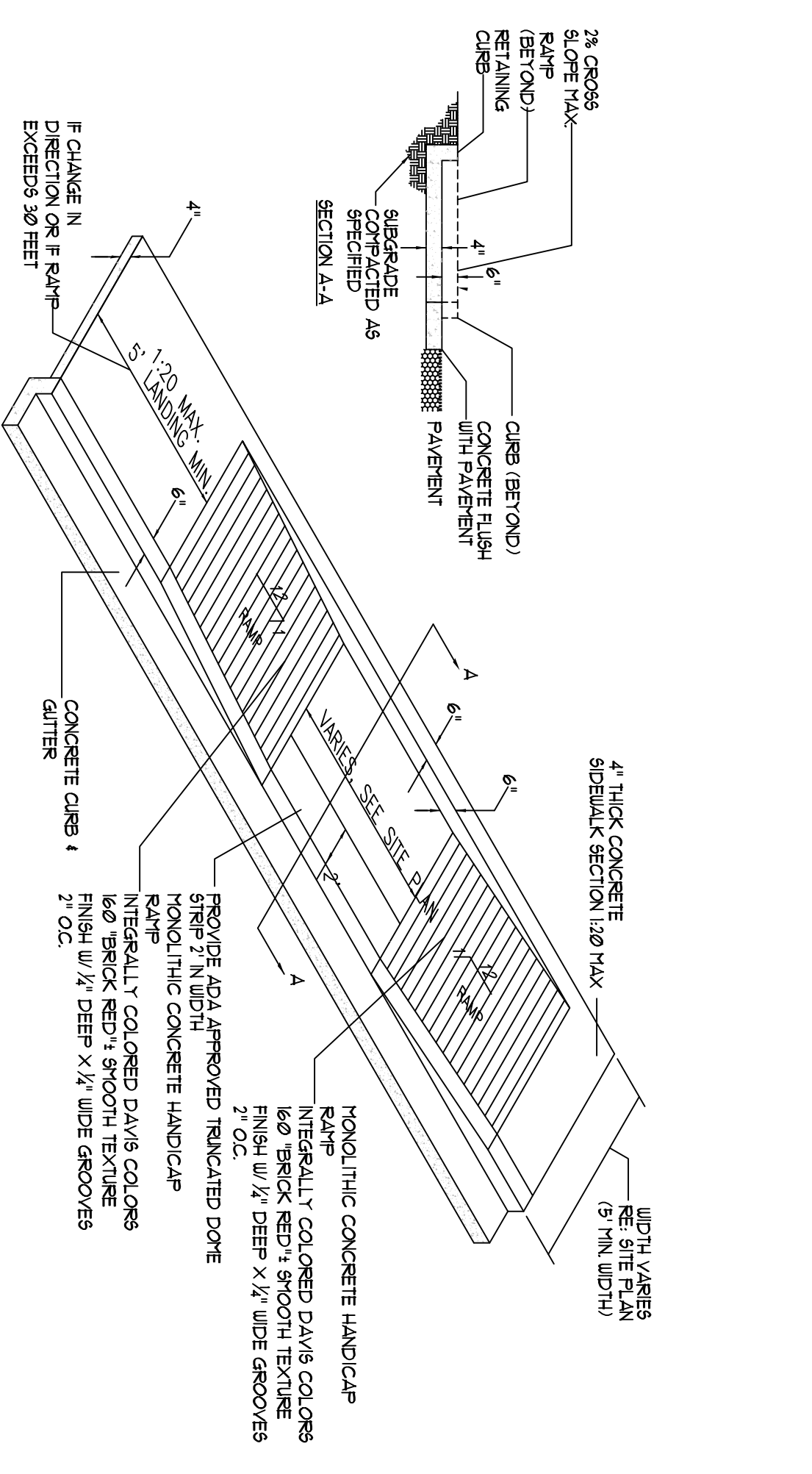
WATER UTILITY AUTHORITY

- 1. **SI-2019-00354 – SITE PLAN**
 - a. Availability statement #190915 has been issued and provides the conditions for service.
 - b. Remove references to the “ABCWUA Easement” in both locations. Are these proposed or existing? Public waterline easements are not to be provided for the proposed private fire line and private fire hydrants.
 - c. A public waterline easement is required for the proposed water meter.

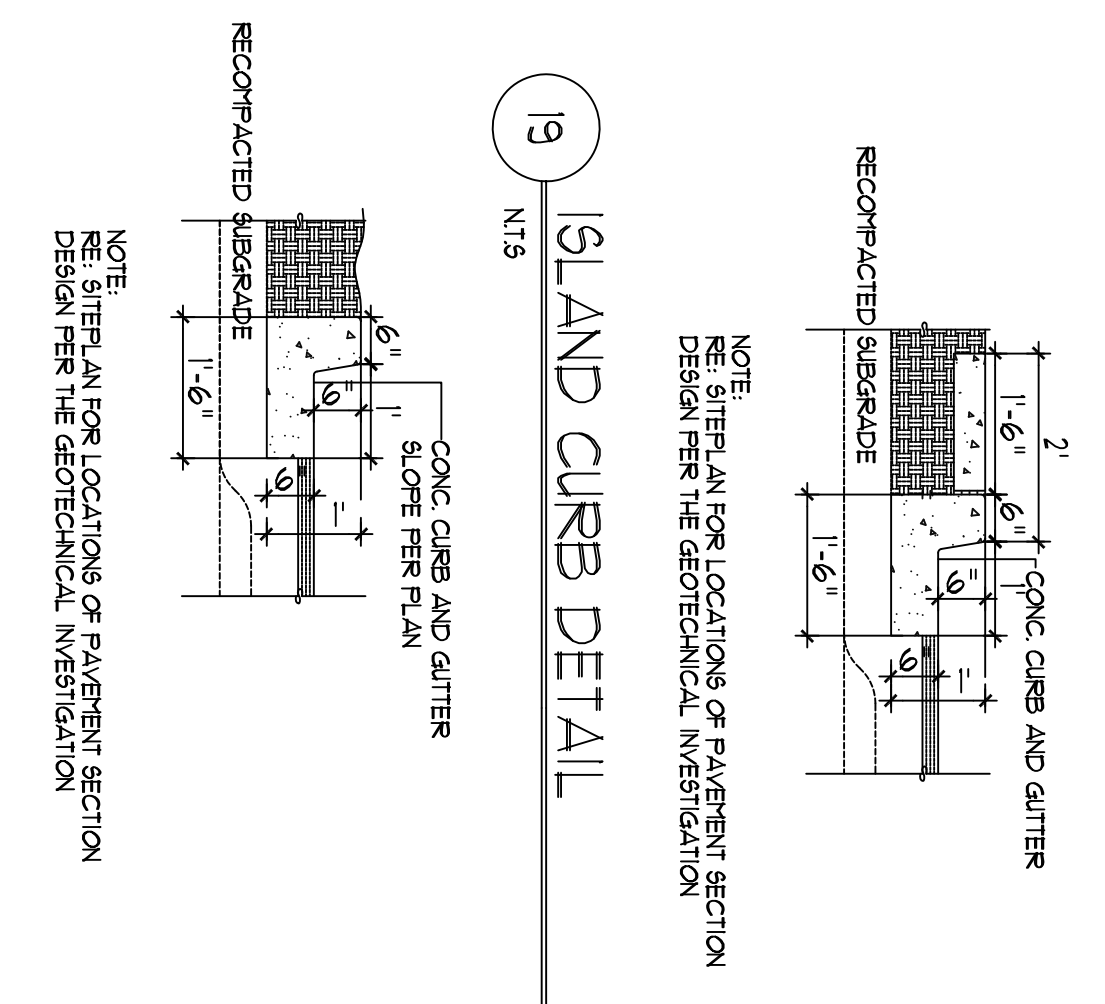
We greatly appreciate the time and consideration. Please contact me if you have any questions.

Best Regards,

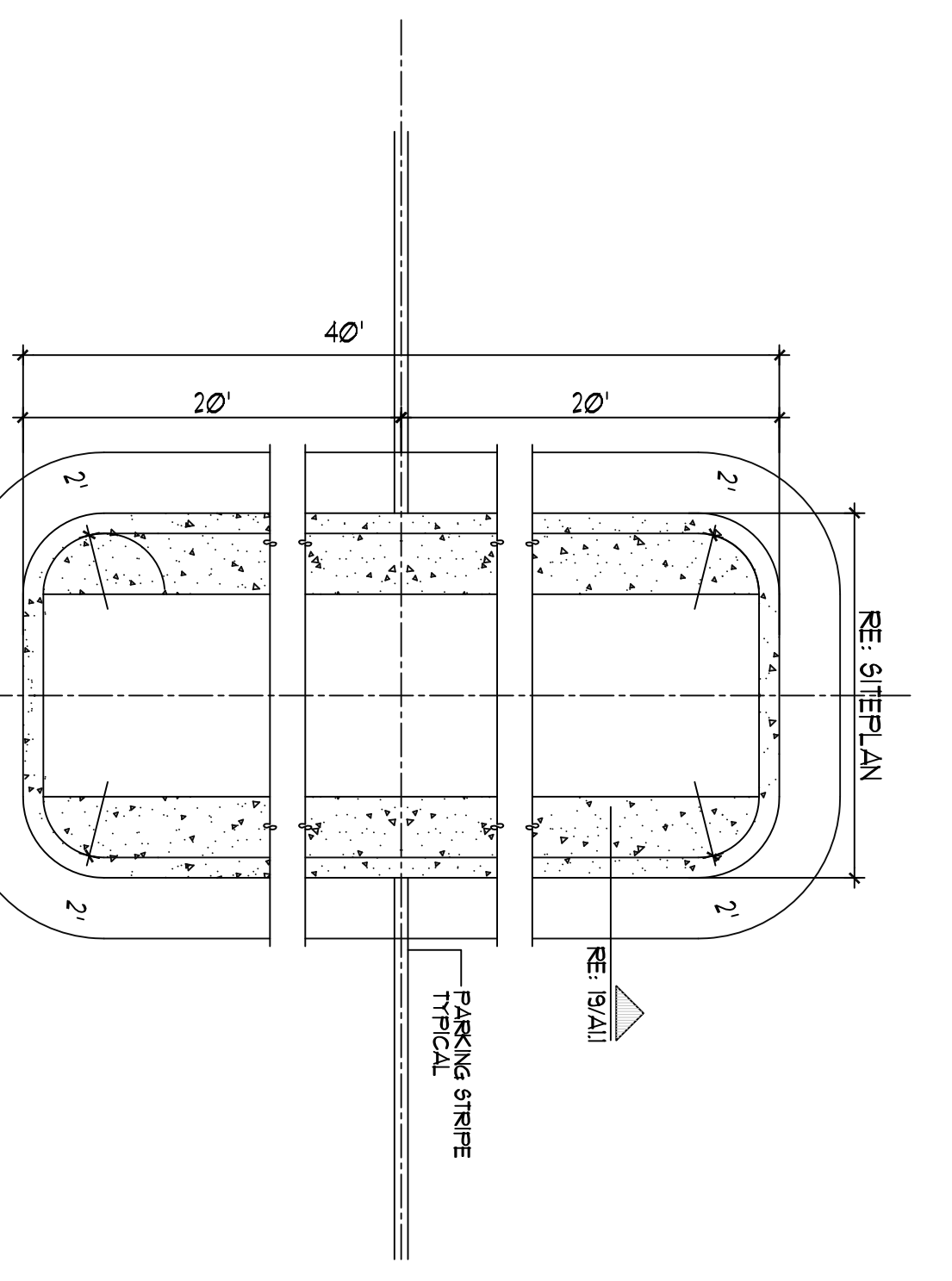
Angela Williamson, Principal
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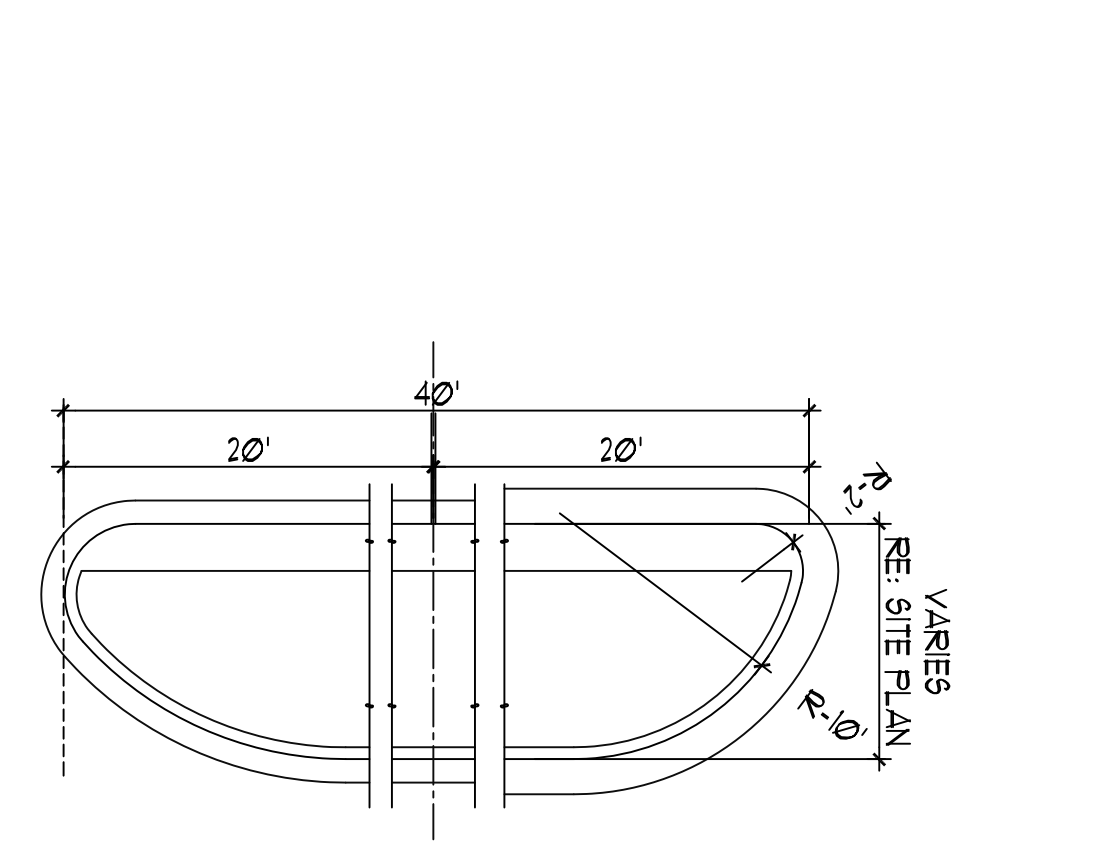
11 TAPERED H/C RAMP
NTS



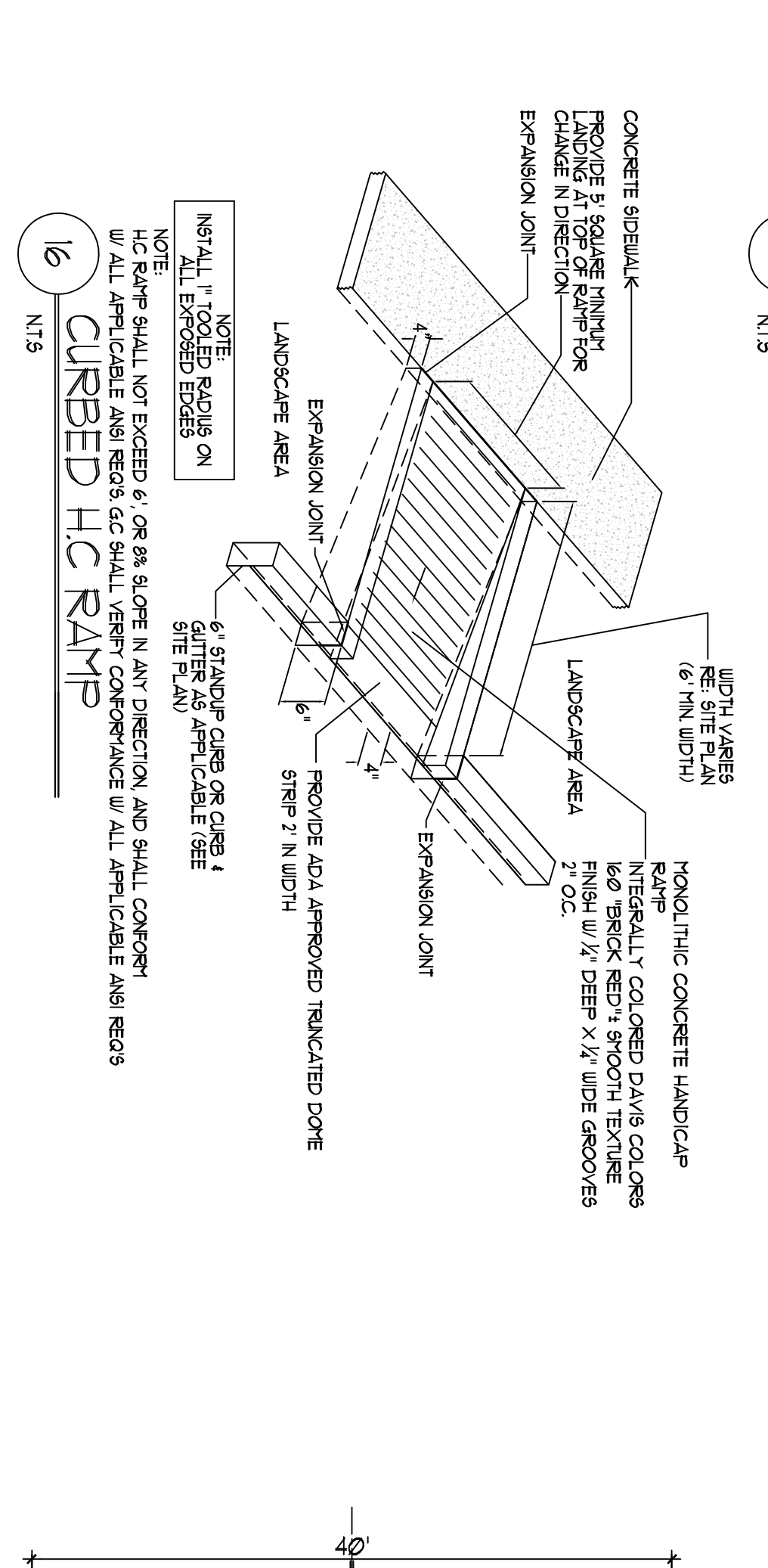
12 TYPICAL CURB DETAIL
NTS



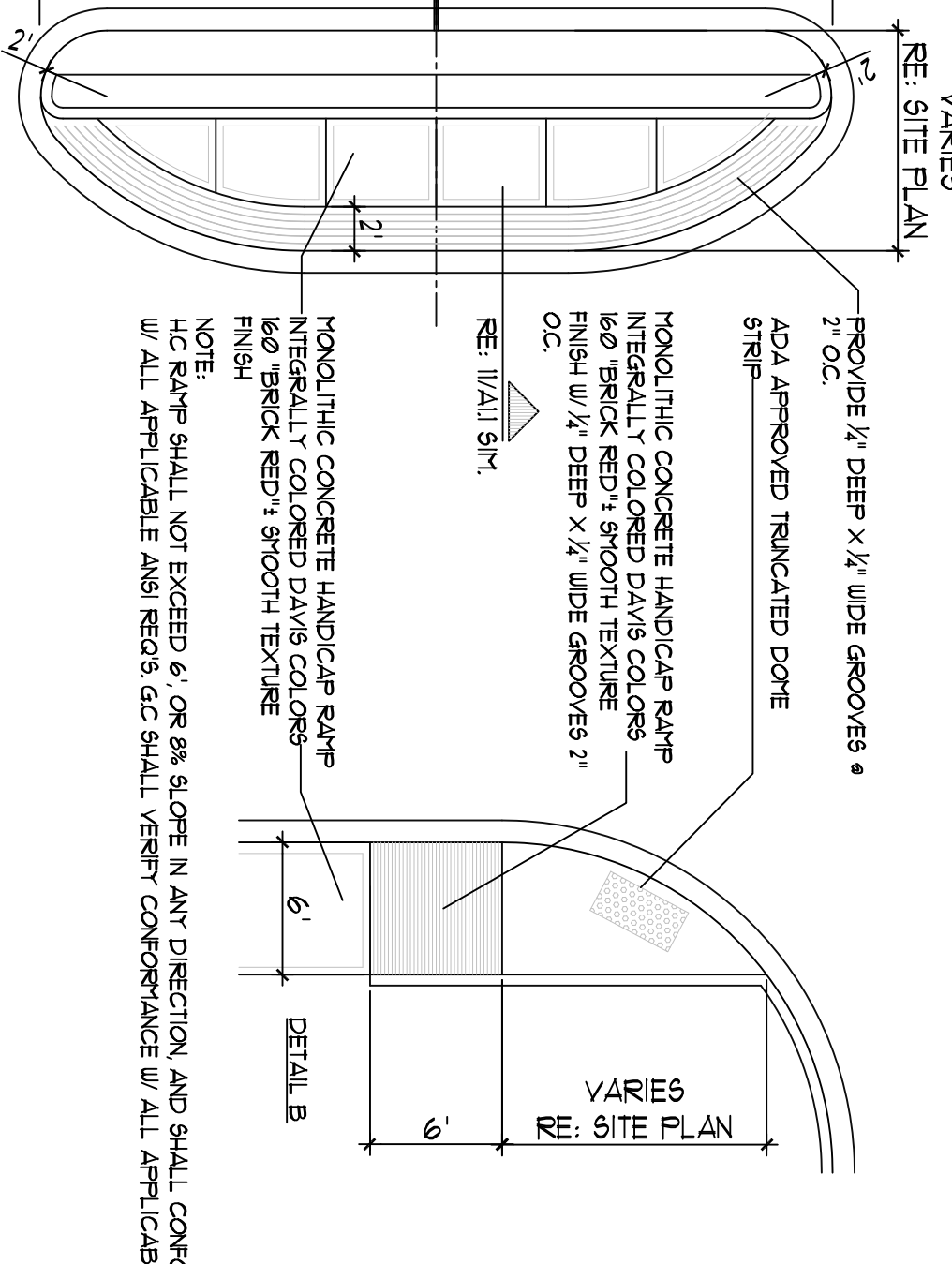
13 ISLAND CURB DETAIL
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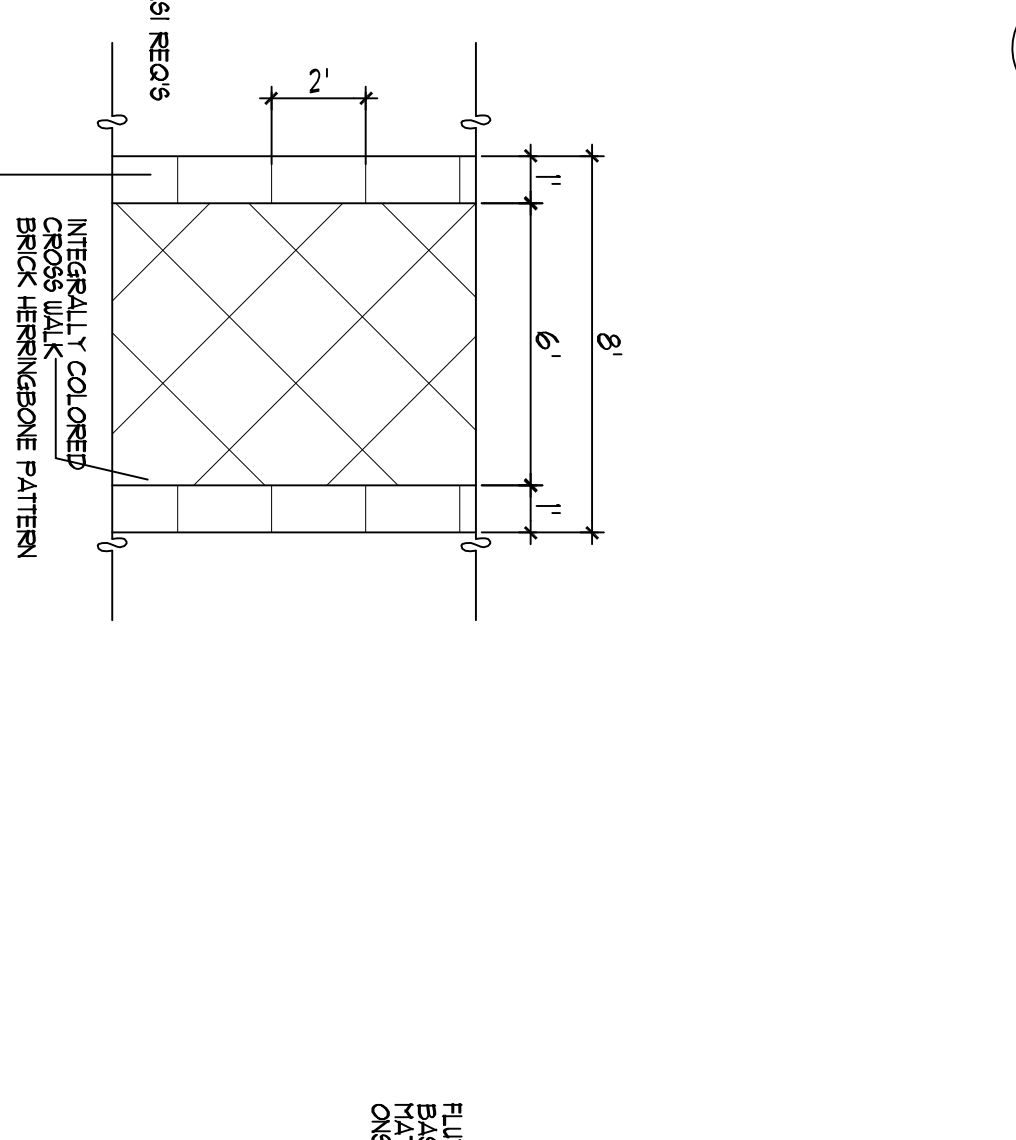
14 TYPICAL STREET SIDEWALK
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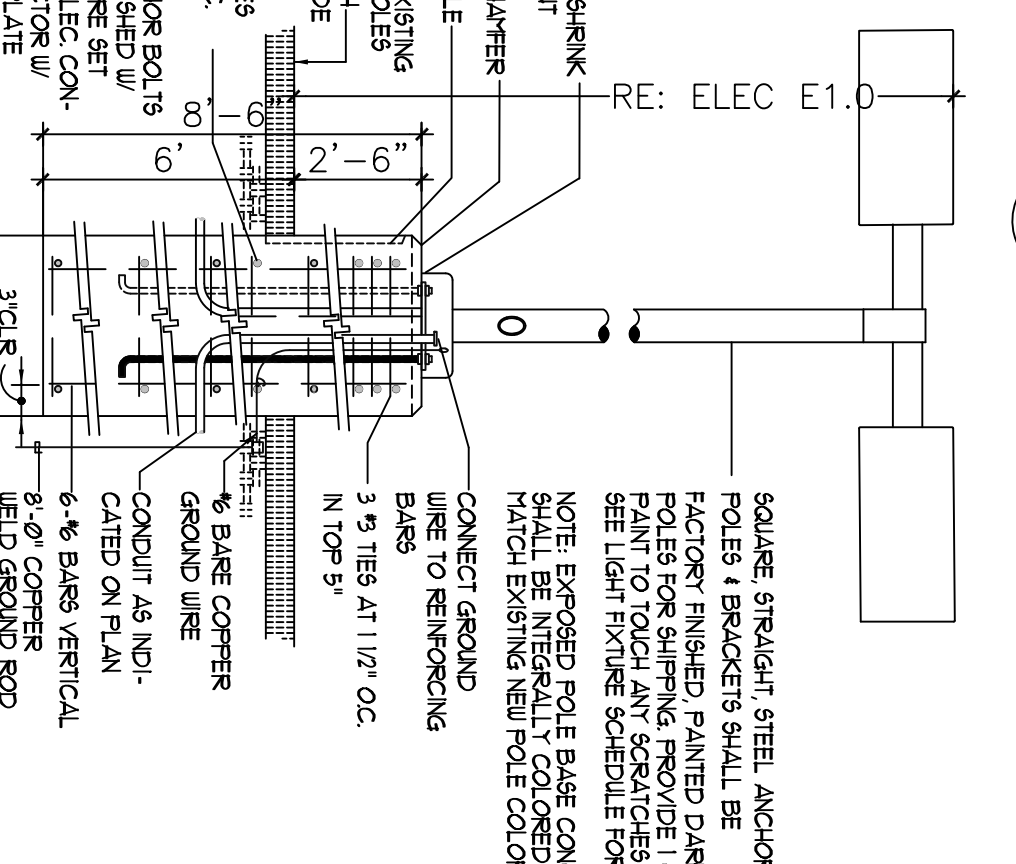
15 FLARED H/C RAMP
NTS



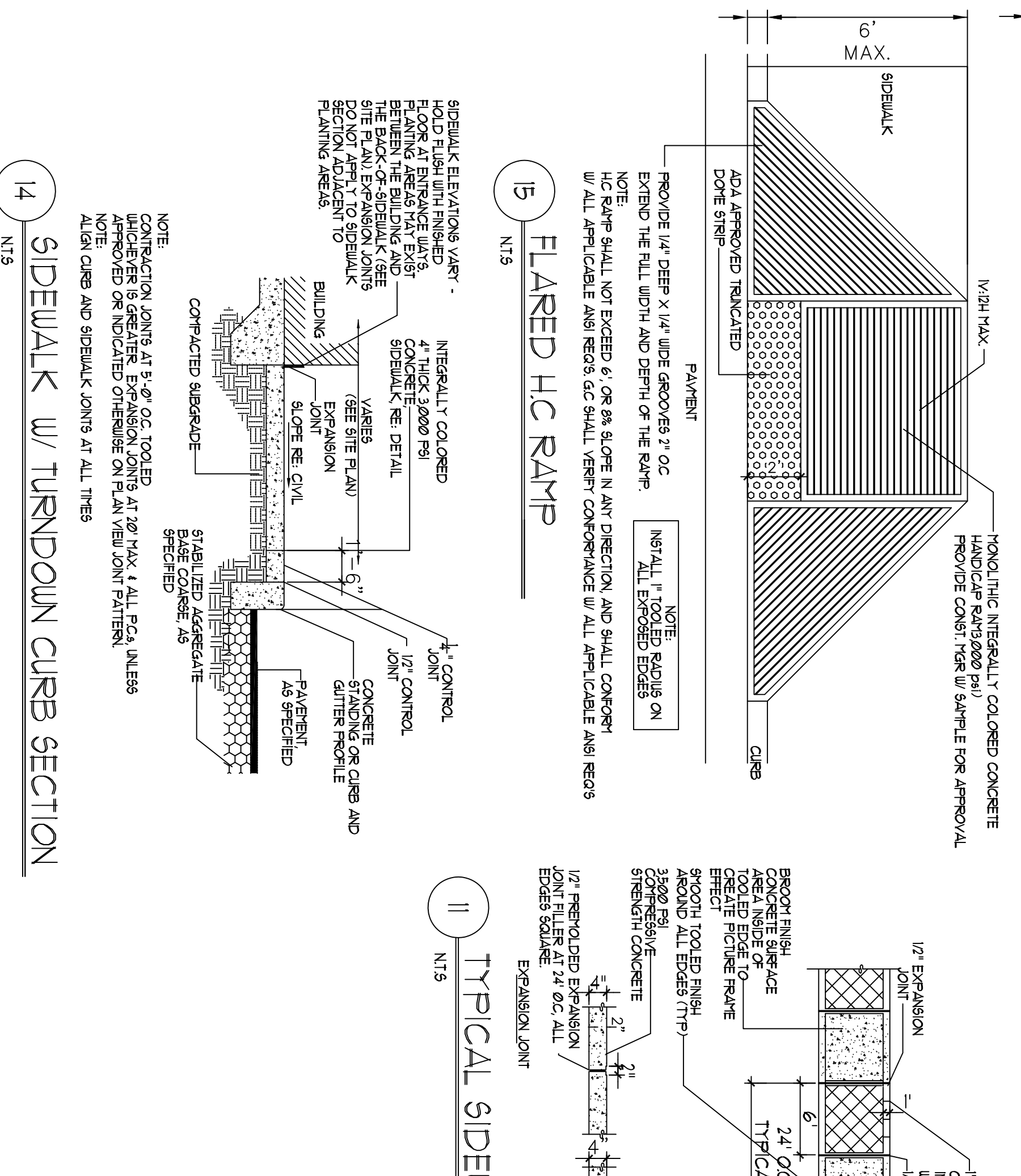
16 CURBED H/C RAMP
NTS



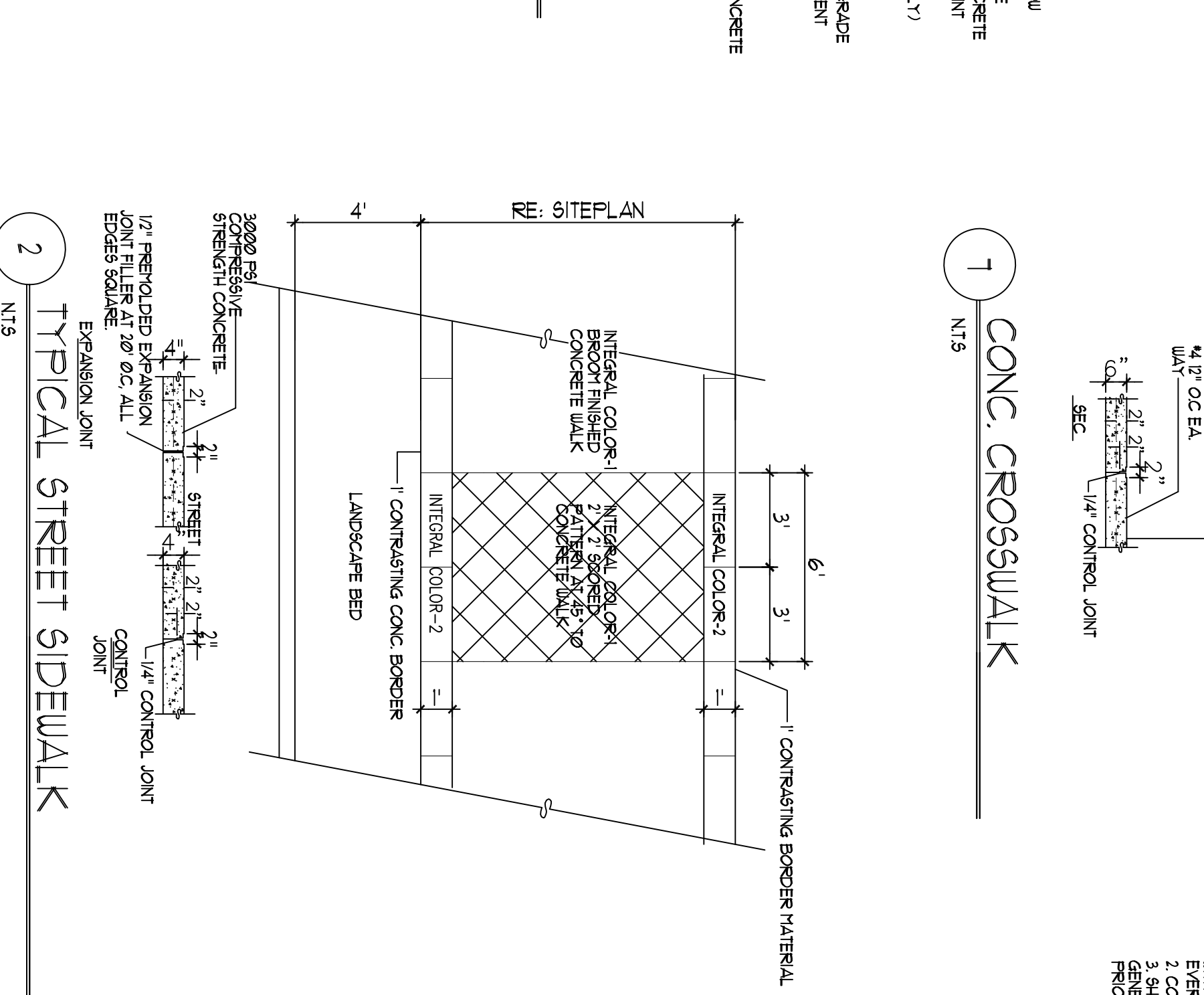
17 TYP. END ISLAND W/ WALK
NTS



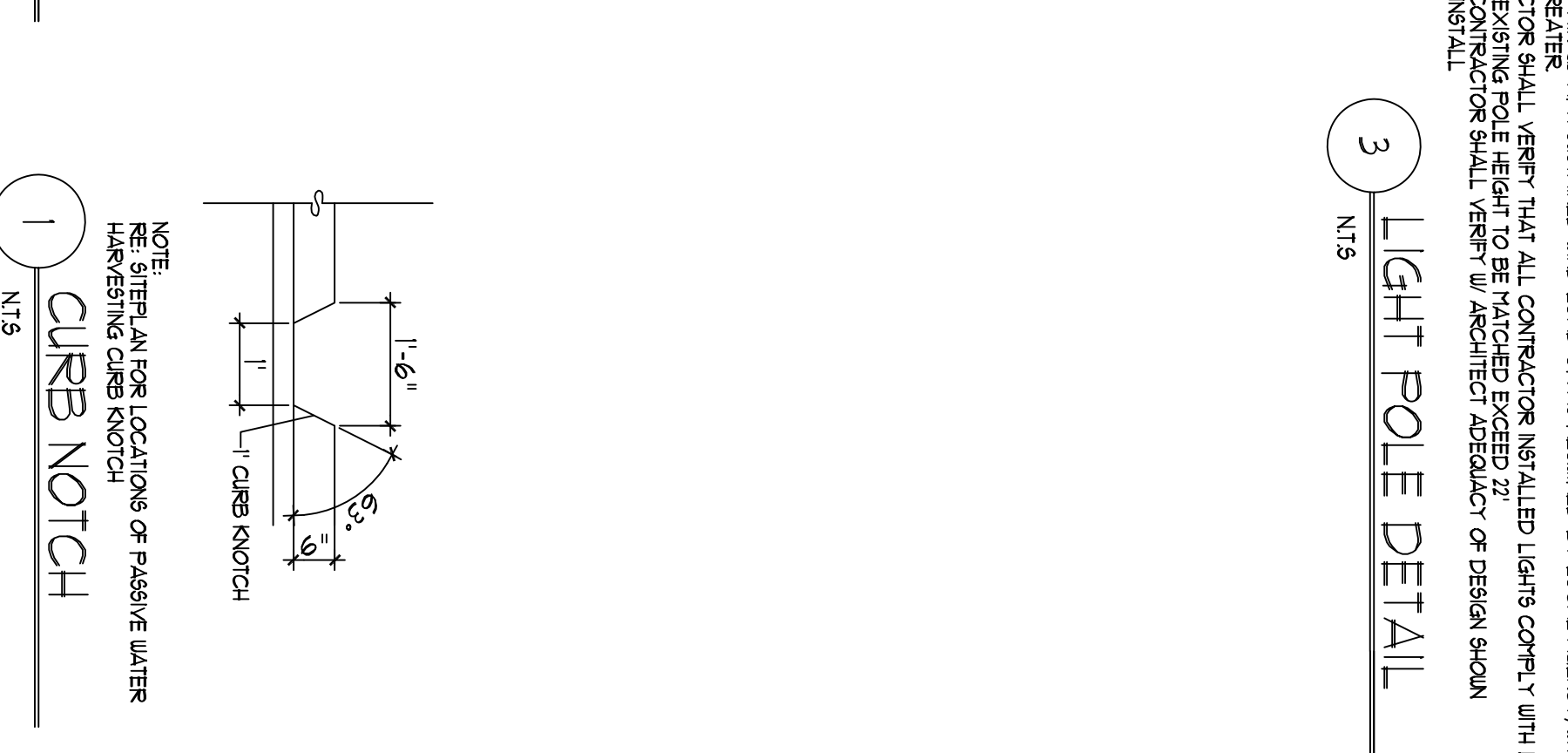
18 CONC. CROSSWALK
NTS



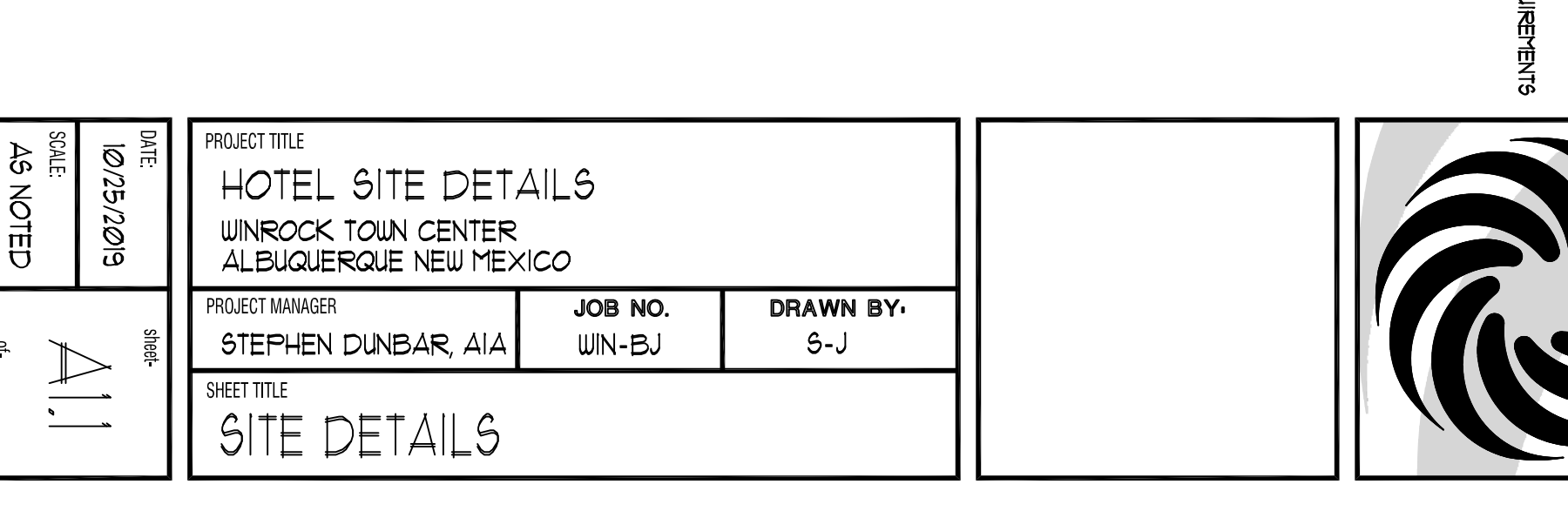
19 ISLAND DETAIL
NTS



20 TYPICAL CURB NOTCH
NTS



21 LIGHT POLE DETAIL
NTS



22 TYPICAL ISLAND DETAIL
NTS

REV	DATE	BY	REVISION

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 220 COPPER AVE. N.W. SUITE 350
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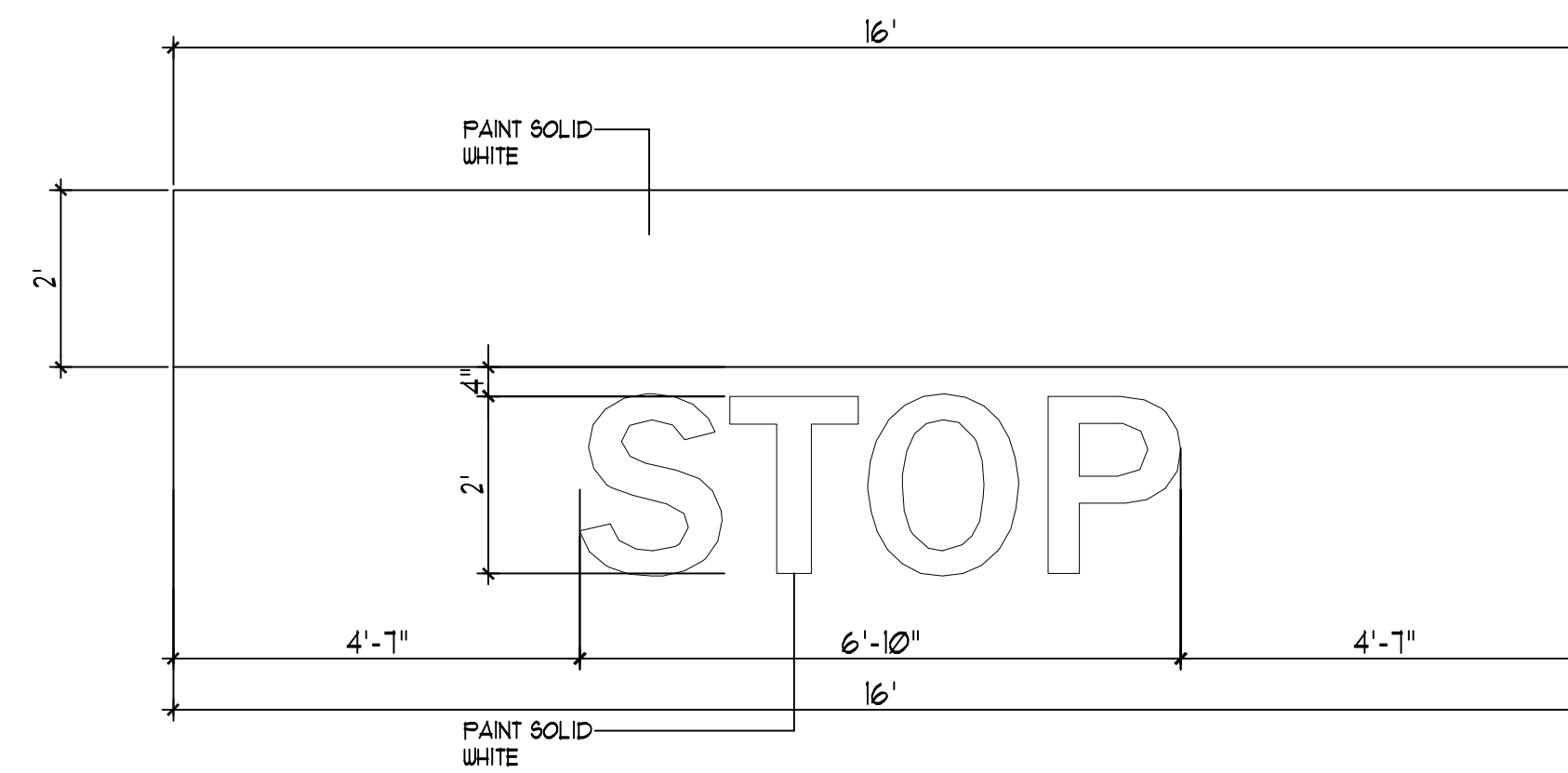
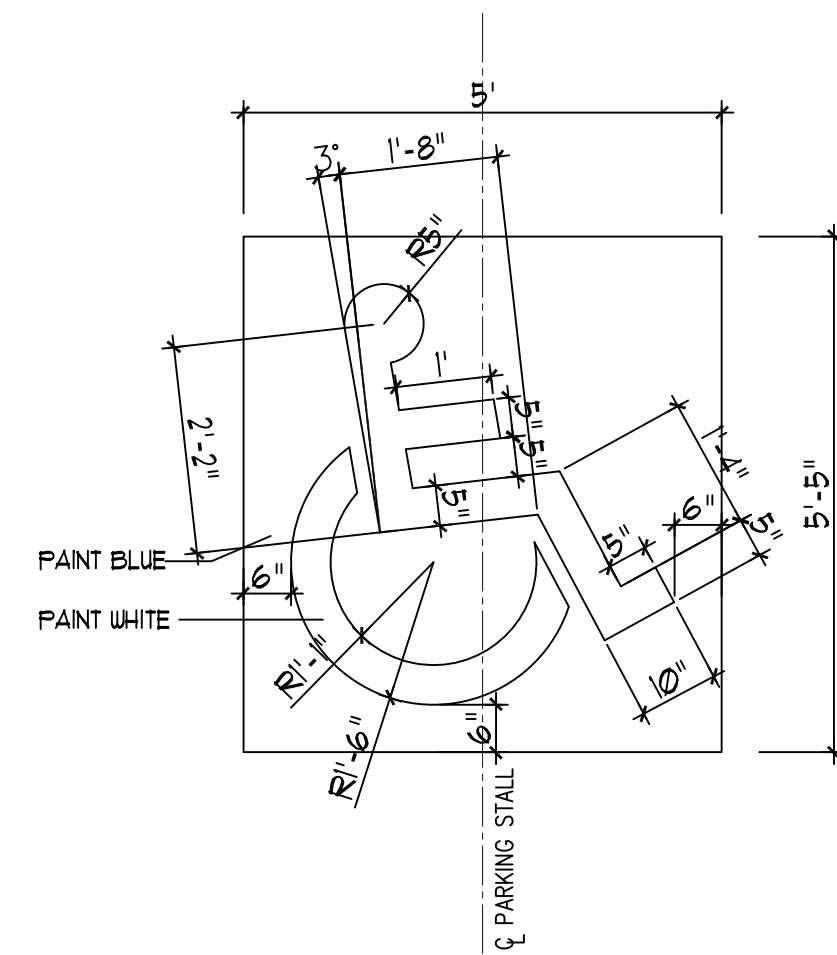
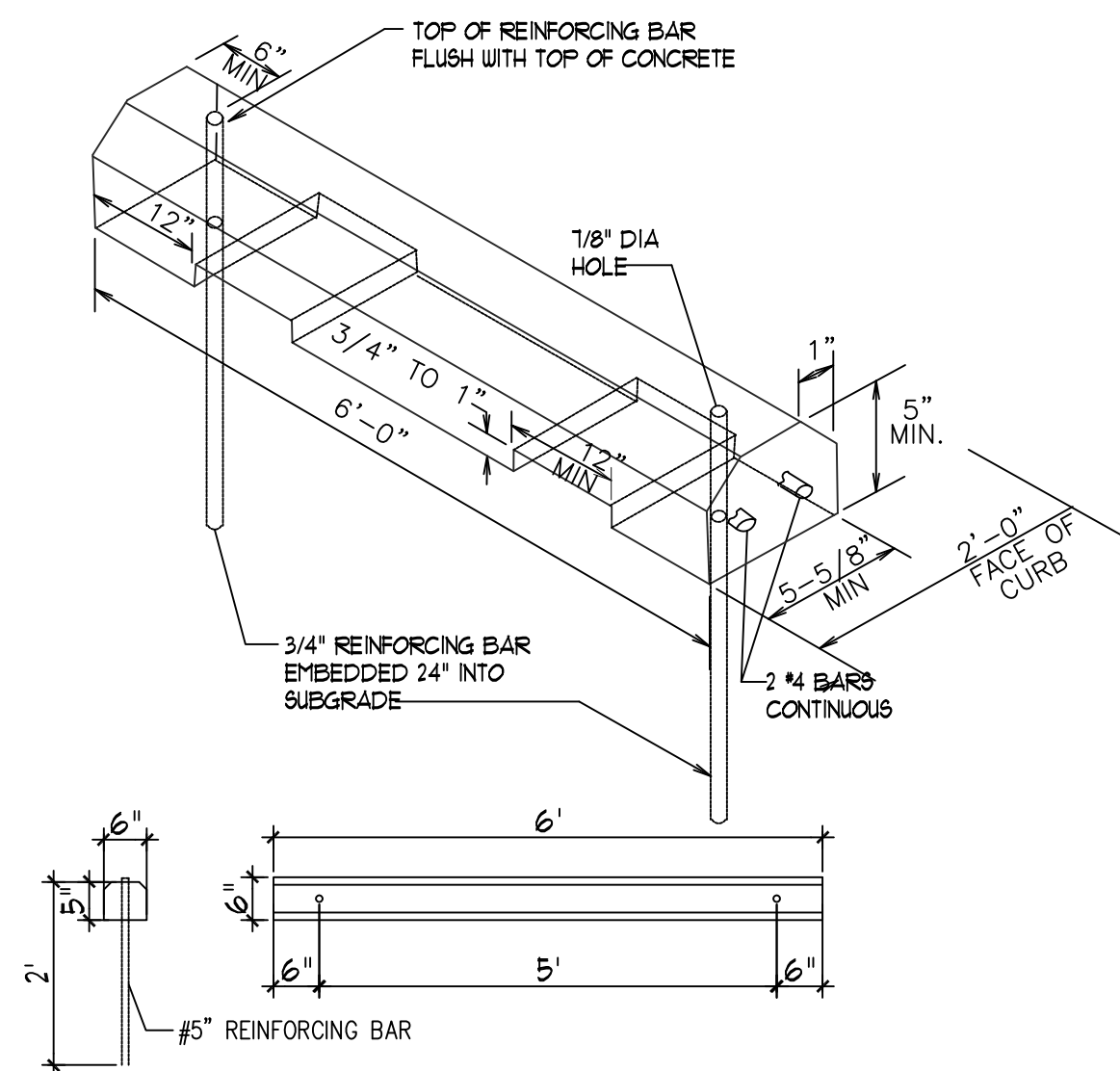
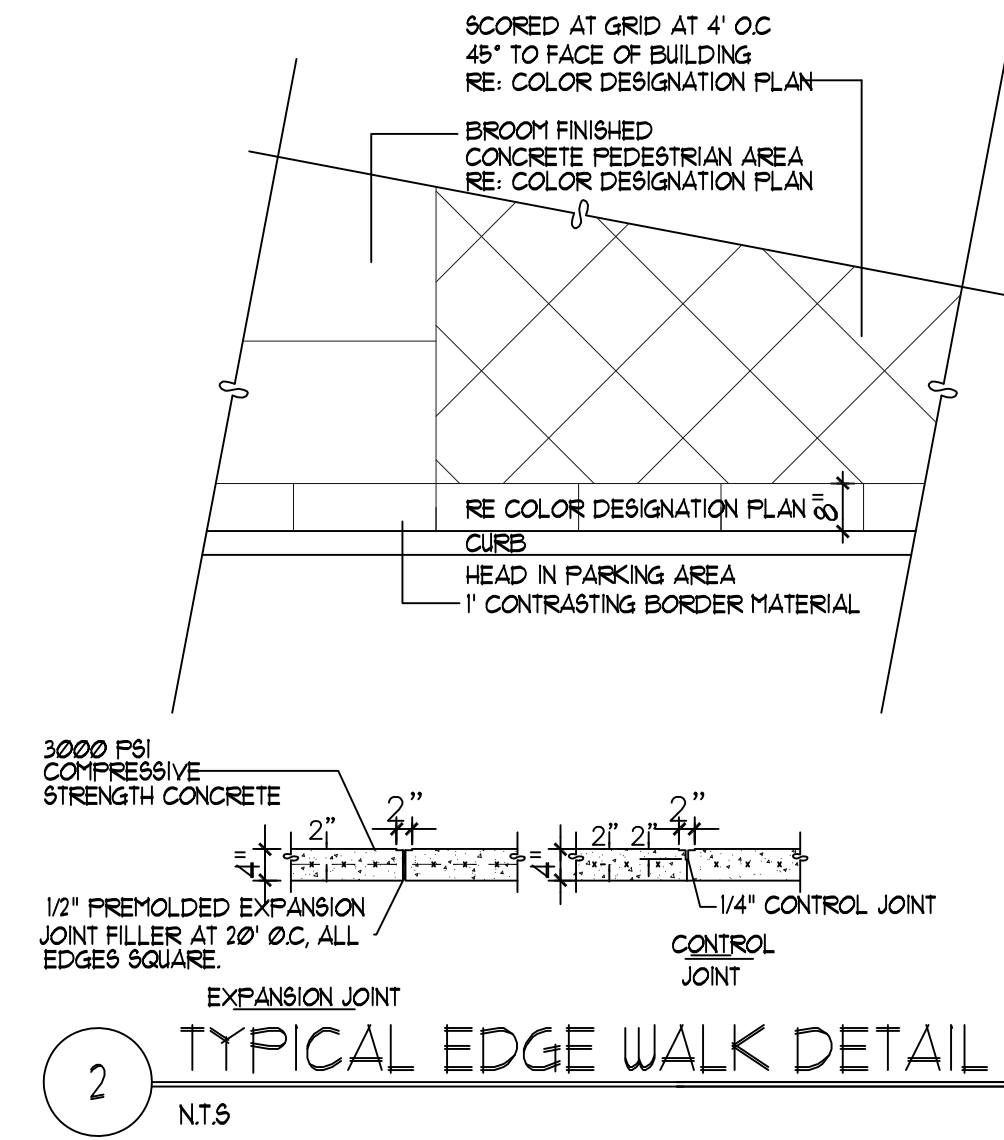
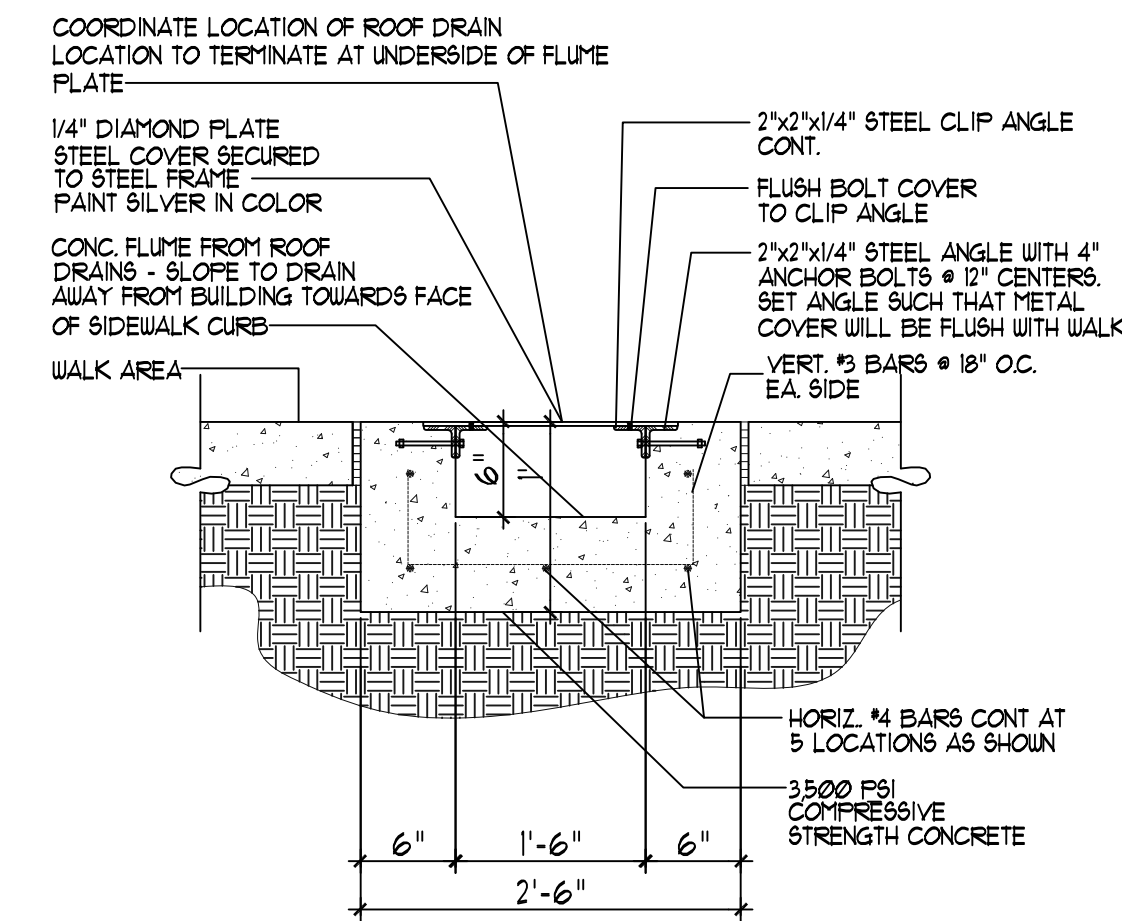
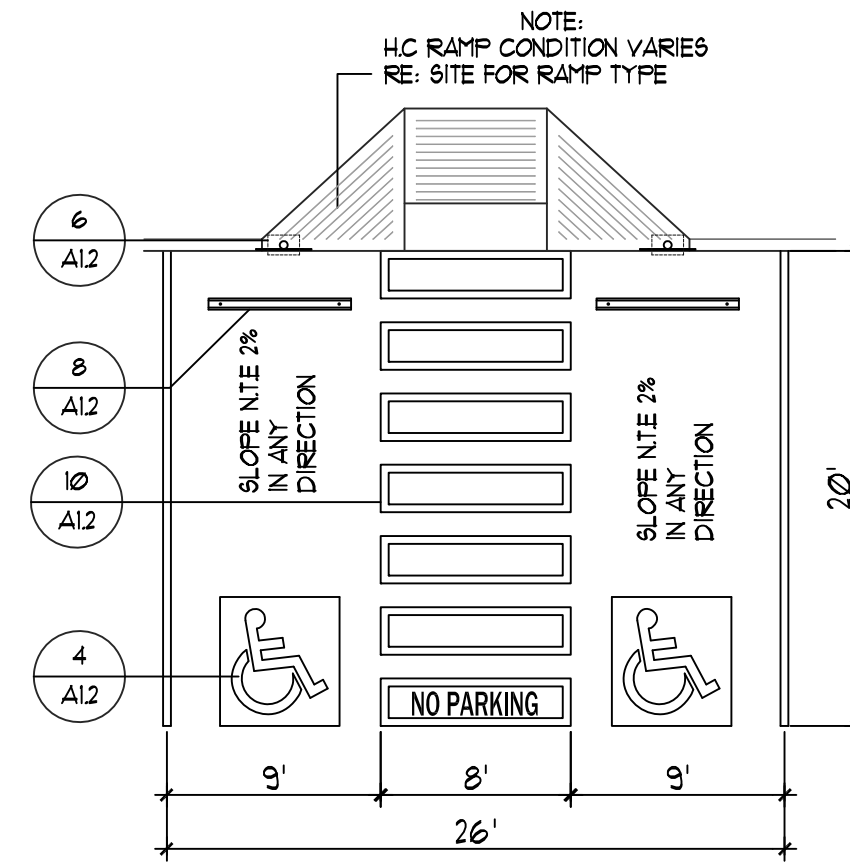
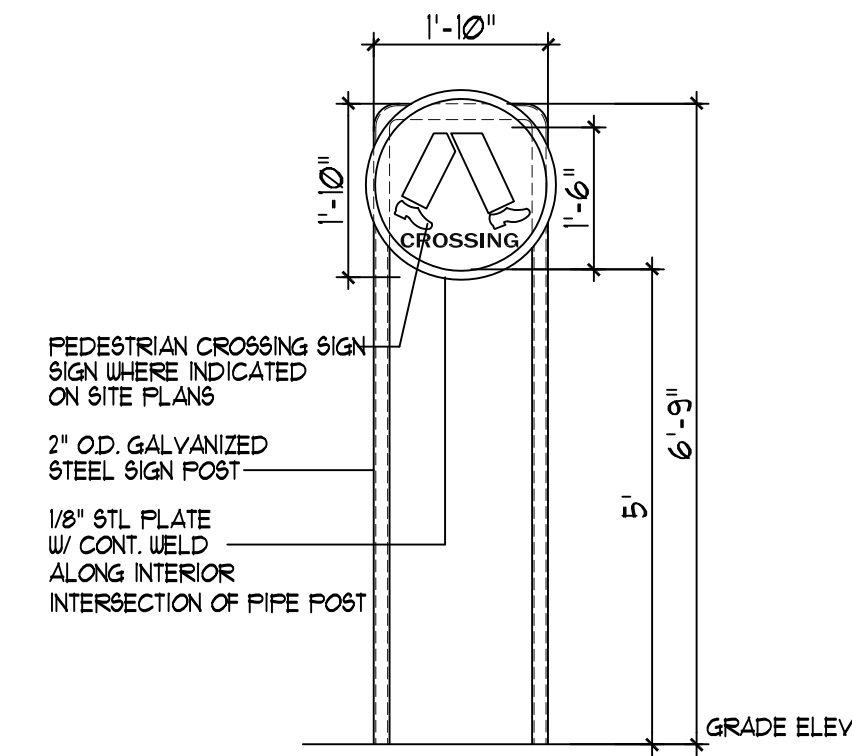
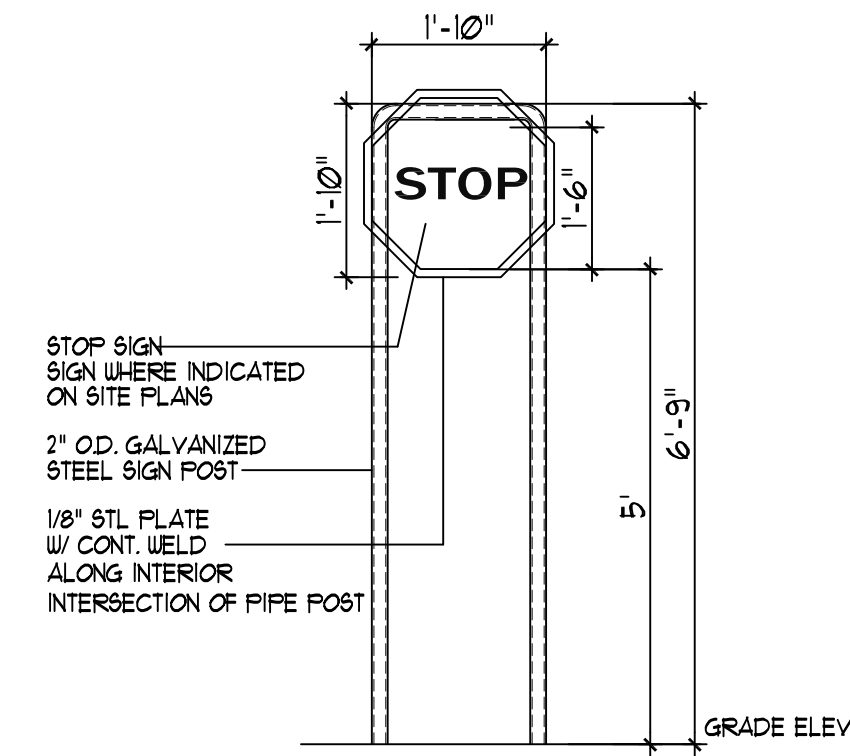
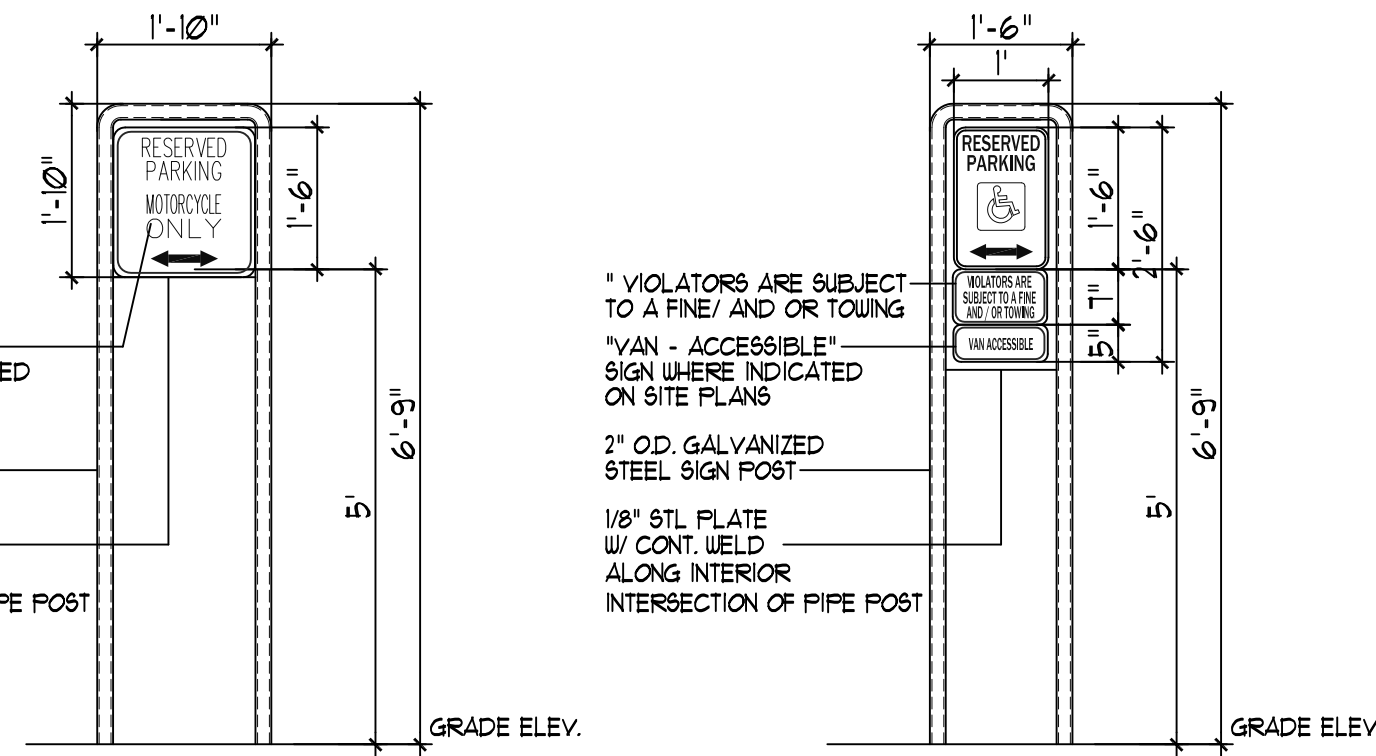
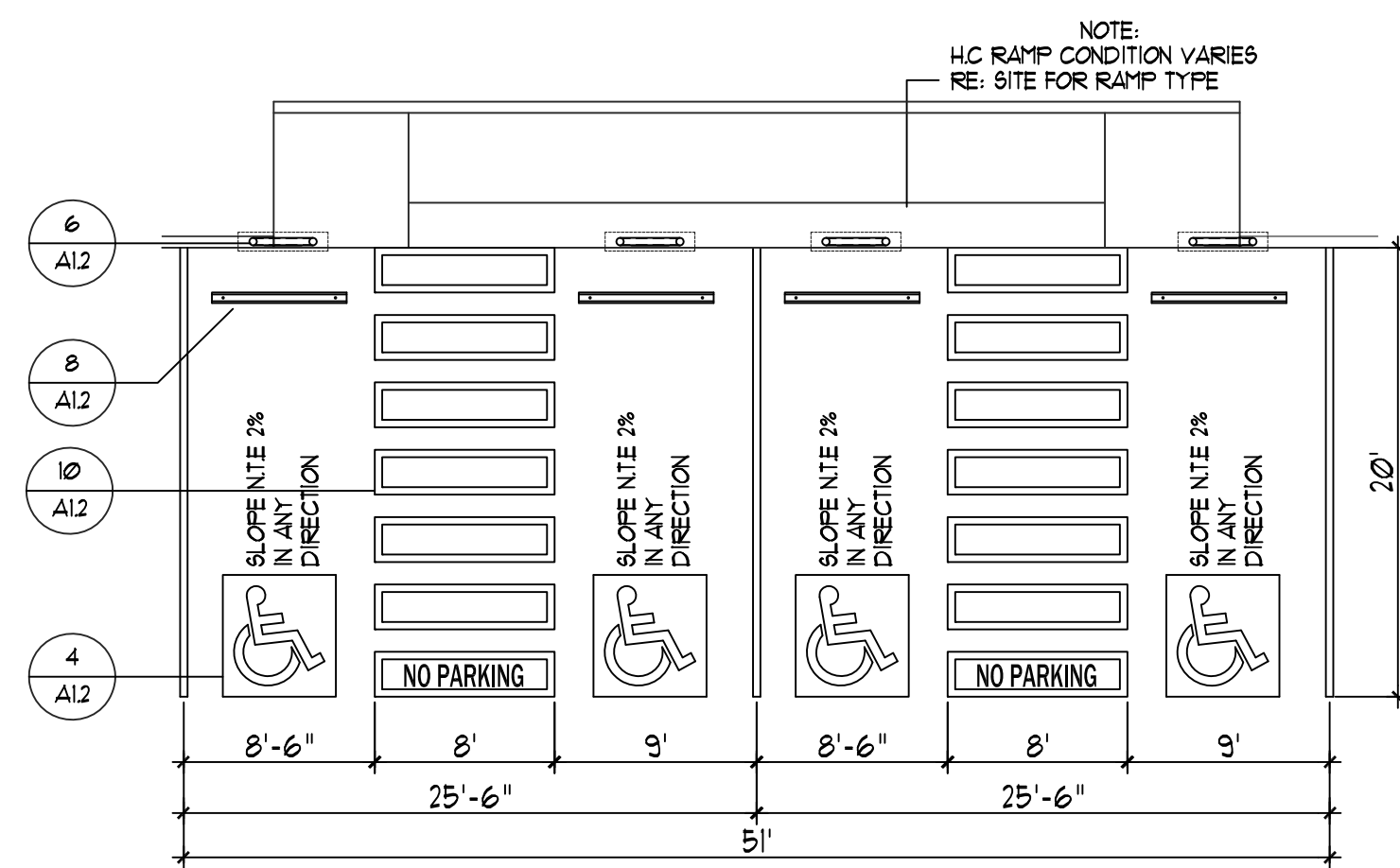
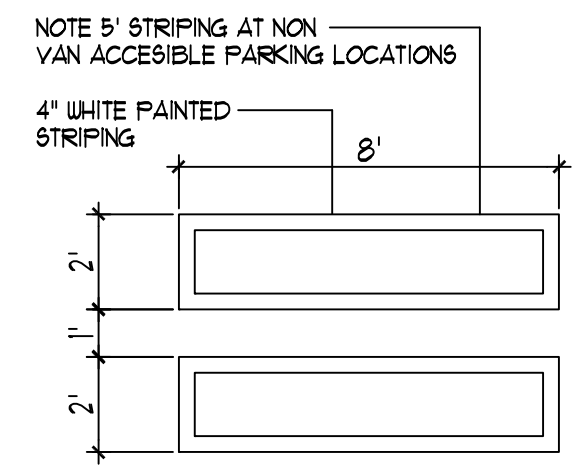
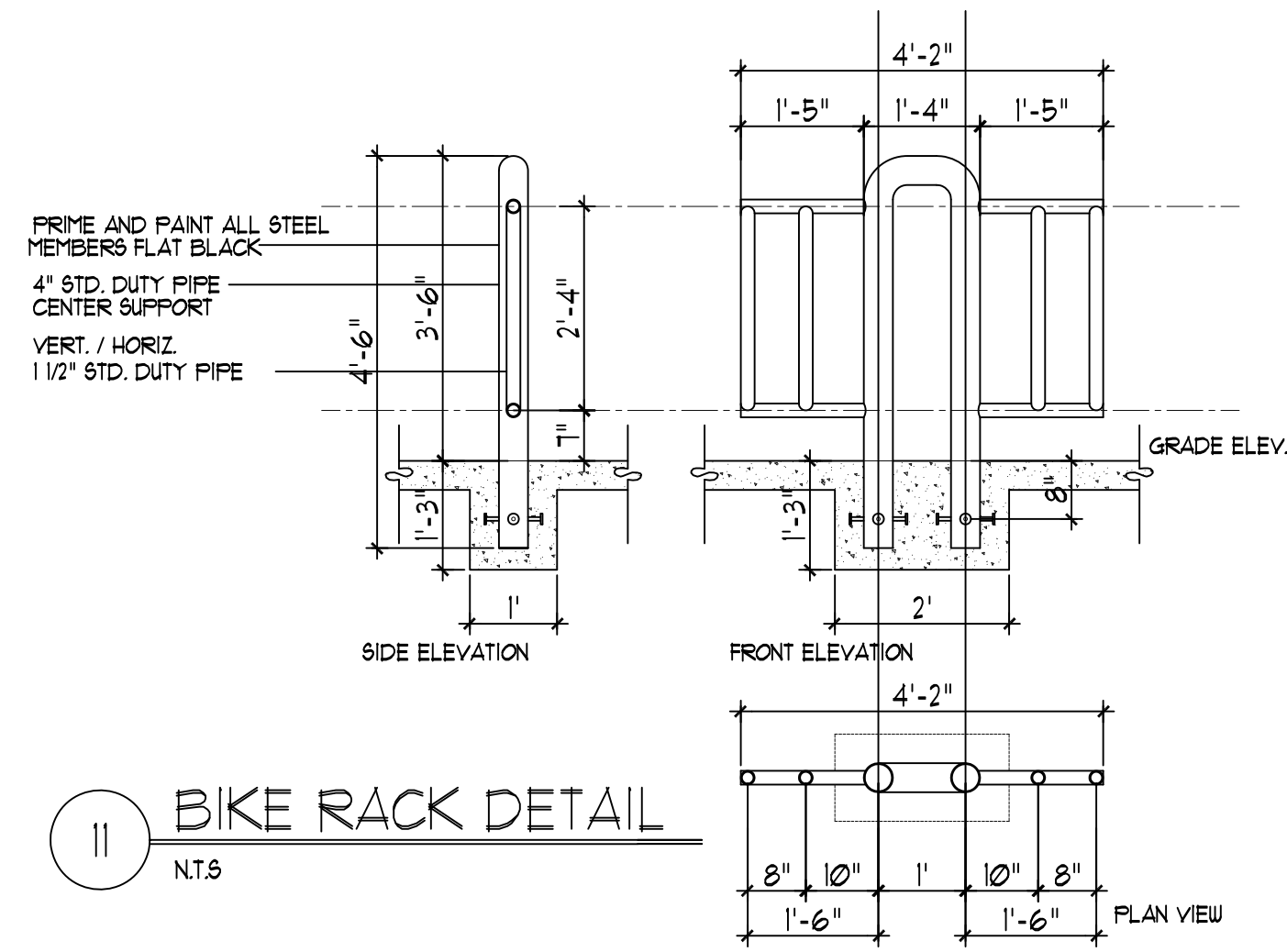
PROJECT TITLE: HOTEL SITE DETAILS
 WINROCK TOWN CENTER ALBUQUERQUE NEW MEXICO

PROJECT MANAGER: STEPHEN DUNBAR, AIA
 JOB NO.: WIN-EJ
 DRAWN BY: S-J

SHEET TITLE: SITE DETAILS

DATE: 10/15/2019
 SCALE: AS NOTED

6. A11



REV	DATE	BY	REVISION
6			
5			
4			
3			
2			

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ALBUQUERQUE, NEW MEXICO 87102
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PROJECT TITLE	HOTEL SITE DETAILS
PROJECT MANAGER	STEPHEN DINEBAR, AIA
JOB NO.	WIN-EJ
DRAWN BY:	S-J
SHEET TITLE	SITE DETAILS

DATE:	10/25/2019	SHEET:	A12
SCALE:	AS NOTED	OF:	

HYDROLOGY - BASIN 100

DRAINAGE AREA 100

AREA = 112,650 sf
AREA = 2.59 ac.

DRAINAGE ZONE 3

PRECIPITATION: 360 = 2.60 in.
1140 = 3.10 in.
10day = 4.90 in.

EXCESS PRECIPITATION:

TREATMENT A 0.66 in. 1.87 cfs/ac.
TREATMENT B 0.92 in. 2.60 cfs/ac.
TREATMENT C 1.29 in. 3.45 cfs/ac.
TREATMENT D 2.36 in. 5.02 cfs/ac.

PEAK DISCHARGE:

EXISTING CONDITIONS:

% AREA % AREA
TREATMENT A 0% 0.00 ac. 0% 0.00 ac.
TREATMENT B 0% 0.00 ac. 3% 0.08 ac.
TREATMENT C 5% 0.13 ac. 6% 0.16 ac.
TREATMENT D 95% 2.46 ac. 91% 2.35 ac.

PROPOSED CONDITIONS:

EXISTING EXCESS PRECIPITATION:

Weighted E = (0.66)(0.00)+(0.92)(0.00)+(1.29)(0.13)+(2.36)(2.46) / 2.59 ac.
= 2.31 in.
V100-360 = (2.31)(2.59) / 12 = 0.497068 ac-ft = 21652 cf

EXISTING PEAK DISCHARGE:

Q100 = (1.87)(0.00)+(2.60)(0.00)+(3.45)(0.13)+(5.02)(2.46) = 12.78 cfs

PROPOSED EXCESS PRECIPITATION:

Weighted E = (0.66)(0.00)+(0.92)(0.08)+(1.29)(0.16)+(2.36)(2.35) / 2.59 ac.
= 2.25 in.
V100-360 = (2.25)(2.59) / 12.0 = 0.485452 ac-ft = 21146 cf

V100-1440 = (0.49)+(2.35)(3.10 - 2.60) / 12 = 0.583508 ac-ft = 25418 cf

V100-10day = (0.49)+(2.35)(4.90 - 2.60) / 12 = 0.936509 ac-ft = 40794 cf

PROPOSED PEAK DISCHARGE:

Q100 = (1.87)(0.00)+(2.60)(0.08)+(3.45)(0.16)+(5.02)(2.35) = 12.55 cfs

FIRST FLUSH VOLUME: CAPTURE AND MANAGE 0.26" OF RAINFALL
V = 2,441 cf

HYDROLOGY - SWQ #1

DRAINAGE AREA SWQ #1

AREA = 2,204 sf
AREA = 0.05 ac.

DRAINAGE ZONE 3

PRECIPITATION: 360 = 2.60 in.
1140 = 3.10 in.
10day = 4.90 in.

EXCESS PRECIPITATION:

TREATMENT A 0.66 in. 1.87 cfs/ac.
TREATMENT B 0.92 in. 2.60 cfs/ac.
TREATMENT C 1.29 in. 3.45 cfs/ac.
TREATMENT D 2.36 in. 5.02 cfs/ac.

PEAK DISCHARGE:

EXISTING CONDITIONS:

% AREA % AREA
TREATMENT A 0% 0.00 ac. 0% 0.00 ac.
TREATMENT B 0% 0.00 ac. 0% 0.00 ac.
TREATMENT C 0% 0.00 ac. 100% 0.05 ac.
TREATMENT D 100% 0.05 ac. 0% 0.00 ac.

PROPOSED CONDITIONS:

EXISTING EXCESS PRECIPITATION:

Weighted E = (0.66)(0.00)+(0.92)(0.00)+(1.29)(0.00)+(2.36)(0.05) / 0.05 ac.
= 2.36 in.
V100-360 = (2.36)(0.05) / 12 = 0.009951 ac-ft = 433 cf

EXISTING PEAK DISCHARGE:

Q100 = (1.87)(0.00)+(2.60)(0.00)+(3.45)(0.00)+(5.02)(0.05) = 0.25 cfs

PROPOSED EXCESS PRECIPITATION:

Weighted E = (0.66)(0.00)+(0.92)(0.00)+(1.29)(0.05)+(2.36)(0.00) / 0.05 ac.
= 1.29 in.
V100-360 = (1.29)(0.05) / 12.0 = 0.005439 ac-ft = 237 cf

V100-1440 = (0.01)+(0.00)(3.10 - 2.60) / 12 = 0.005439 ac-ft = 237 cf

V100-10day = (0.01)+(0.00)(4.90 - 2.60) / 12 = 0.005439 ac-ft = 237 cf

PROPOSED PEAK DISCHARGE:

Q100 = (1.87)(0.00)+(2.60)(0.00)+(3.45)(0.05)+(5.02)(0.00) = 0.17 cfs

HYDROLOGY - SUB-BASIN 100A

DRAINAGE SUB-BASIN 100A

AREA = 13,399 sf
AREA = 0.31 ac.

DRAINAGE ZONE 3

PRECIPITATION: 360 = 2.60 in.
1140 = 3.10 in.
10day = 4.90 in.

EXCESS PRECIPITATION:

TREATMENT A 0.66 in. 1.87 cfs/ac.
TREATMENT B 0.92 in. 2.60 cfs/ac.
TREATMENT C 1.29 in. 3.45 cfs/ac.
TREATMENT D 2.36 in. 5.02 cfs/ac.

PEAK DISCHARGE:

EXISTING CONDITIONS:

% AREA % AREA
TREATMENT A 0% 0.00 ac. 0% 0.00 ac.
TREATMENT B 0% 0.00 ac. 0% 0.00 ac.
TREATMENT C 5% 0.02 ac. 0% 0.00 ac.
TREATMENT D 95% 0.29 ac. 100% 0.31 ac.

PROPOSED CONDITIONS:

EXISTING EXCESS PRECIPITATION:

Weighted E = (0.66)(0.00)+(0.92)(0.00)+(1.29)(0.02)+(2.36)(0.29) / 0.31 ac.
= 2.31 in.
V100-360 = (2.31)(0.31) / 12 = 0.059123 ac-ft = 2575 cf

EXISTING PEAK DISCHARGE:

Q100 = (1.87)(0.00)+(2.60)(0.00)+(3.45)(0.02)+(5.02)(0.29) = 1.52 cfs

PROPOSED EXCESS PRECIPITATION:

Weighted E = (0.66)(0.00)+(0.92)(0.00)+(1.29)(0.00)+(2.36)(0.31) / 0.31 ac.
= 2.36 in.
V100-360 = (2.36)(0.31) / 12.0 = 0.060494 ac-ft = 2635 cf

V100-1440 = (0.06)+(0.31)(3.10 - 2.60) / 12 = 0.073311 ac-ft = 3193 cf

V100-10day = (0.06)+(0.31)(4.90 - 2.60) / 12 = 0.119451 ac-ft = 5203 cf

PROPOSED PEAK DISCHARGE:

Q100 = (1.87)(0.00)+(2.60)(0.00)+(3.45)(0.00)+(5.02)(0.31) = 1.54 cfs

HYDROLOGY - SWQ #2

DRAINAGE AREA SWQ #2

Area = 2,819 sf
AREA = 0.06 ac.

DRAINAGE ZONE 3

PRECIPITATION: 360 = 2.60 in.
1140 = 3.10 in.
10day = 4.90 in.

EXCESS PRECIPITATION:

TREATMENT A 0.66 in. 1.87 cfs/ac.
TREATMENT B 0.92 in. 2.60 cfs/ac.
TREATMENT C 1.29 in. 3.45 cfs/ac.
TREATMENT D 2.36 in. 5.02 cfs/ac.

PEAK DISCHARGE:

EXISTING CONDITIONS:

% AREA % AREA
TREATMENT A 0% 0.00 ac. 0% 0.00 ac.
TREATMENT B 0% 0.00 ac. 0% 0.00 ac.
TREATMENT C 0% 0.00 ac. 100% 0.06 ac.
TREATMENT D 100% 0.06 ac. 0% 0.00 ac.

PROPOSED CONDITIONS:

EXISTING EXCESS PRECIPITATION:

Weighted E = (0.66)(0.00)+(0.92)(0.00)+(1.29)(0.00)+(2.36)(0.06) / 0.06 ac.
= 2.36 in.
V100-360 = (2.36)(0.06) / 12 = 0.012727 ac-ft = 554 cf

EXISTING PEAK DISCHARGE:

Q100 = (1.87)(0.00)+(2.60)(0.00)+(3.45)(0.00)+(5.02)(0.06) = 0.32 cfs

PROPOSED EXCESS PRECIPITATION:

Weighted E = (0.66)(0.00)+(0.92)(0.00)+(1.29)(0.06)+(2.36)(0.00) / 0.06 ac.
= 1.29 in.
V100-360 = (1.29)(0.06) / 12.0 = 0.006957 ac-ft = 303 cf

V100-1440 = (0.01)+(0.00)(3.10 - 2.60) / 12 = 0.006957 ac-ft = 303 cf

V100-10day = (0.01)+(0.00)(4.90 - 2.60) / 12 = 0.006957 ac-ft = 303 cf

PROPOSED PEAK DISCHARGE:

Q100 = (1.87)(0.00)+(2.60)(0.00)+(3.45)(0.06)+(5.02)(0.00) = 0.22 cfs

HYDROLOGY - SUB-BASIN 100B

DRAINAGE SUB-BASIN 100B

AREA = 14,536 sf
AREA = 0.33 ac.

DRAINAGE ZONE 3

PRECIPITATION: 360 = 2.60 in.
1140 = 3.10 in.
10day = 4.90 in.

EXCESS PRECIPITATION:

TREATMENT A 0.66 in. 1.87 cfs/ac.
TREATMENT B 0.92 in. 2.60 cfs/ac.
TREATMENT C 1.29 in. 3.45 cfs/ac.
TREATMENT D 2.36 in. 5.02 cfs/ac.

PEAK DISCHARGE:

EXISTING CONDITIONS:

% AREA % AREA
TREATMENT A 0% 0.00 ac. 0% 0.00 ac.
TREATMENT B 0% 0.00 ac. 0% 0.00 ac.
TREATMENT C 0% 0.00 ac. 0% 0.00 ac.
TREATMENT D 100% 0.33 ac. 100% 0.33 ac.

PROPOSED CONDITIONS:

EXISTING EXCESS PRECIPITATION:

Weighted E = (0.66)(0.00)+(0.92)(0.00)+(1.29)(0.00)+(2.36)(0.33) / 0.33 ac.
= 2.36 in.
V100-360 = (2.36)(0.33) / 12 = 0.065628 ac-ft = 2859 cf

EXISTING PEAK DISCHARGE:

Q100 = (1.87)(0.00)+(2.60)(0.00)+(3.45)(0.00)+(5.02)(0.33) = 1.68 cfs

PROPOSED EXCESS PRECIPITATION:

Weighted E = (0.66)(0.00)+(0.92)(0.00)+(1.29)(0.00)+(2.36)(0.33) / 0.33 ac.
= 2.36 in.
V100-360 = (2.36)(0.33) / 12.0 = 0.065628 ac-ft = 2859 cf

V100-1440 = (0.07)+(0.33)(3.10 - 2.60) / 12 = 0.079532 ac-ft = 3464 cf

V100-10day = (0.07)+(0.33)(4.90 - 2.60) / 12 = 0.129587 ac-ft = 5645 cf

PROPOSED PEAK DISCHARGE:

Q100 = (1.87)(0.00)+(2.60)(0.00)+(3.45)(0.00)+(5.02)(0.33) = 1.68 cfs

SWQ #1 POND RATING

Proposed Pond Rating Curve SWQ #1
November 2019

Depth (ft)	Area		Volume (ac-ft)	Cum. Volume (ac-ft)	Cum. Volume (CF)	Outlet Pipe (CFS)	Pond Inlet (CFS)
	(sq ft)	(ac)					
5310.0	471	0.011	0	0	0	0.0	1.5
5311.0	1153	0.026	0.019	0.019	812	0.0	1.5
5312.0	2005	0.046	0.036	0.055	2391	0.0	1.5
5312.2	2190	0.050	0.010	0.065	2810	0.0	1.5
5312.3	2237	0.051	0.003	0.067	2921	0.0	0

Top of Pond = 5312.3

Bottom of Pond = 5310.0

Maximum Water Surface Elevation = 5312.2

Required Pond Volume = 2,635 CF

Provided Pond Volume = 2,921 CF

SWQ #2 POND RATING

Proposed Pond Rating Curve SWQ #2
November 2019

Depth (ft)	Area		Volume (ac-ft)	Cum. Volume (ac-ft)	Cum. Volume (CF)	Outlet Pipe (CFS)	Pond Inlet (CFS)
	(sq ft)	(ac)					
5310.0	807	0.019	0	0	0	0.0	1.7
5311.0	1621	0.037	0.028	0.028	1214	0.0	1.7
5311.9	2438	0.056	0.040	0.067	2939	0.0	1.7
5312.0	2563	0.059	0.009	0.076	3314	0.0	1.7
5312.2	2819	0.065	0.012	0.088	3852	0.0	0

Top of Pond = 5312.2

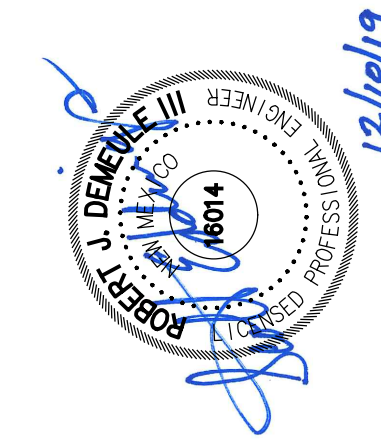
Bottom of Pond = 5310.0

Maximum Water Surface Elevation = 5311.9

Required Pond Volume = 2,859 CF

Provided Pond Volume = 3,852 CF

AS-BUILT INFORMATION		CONTRACTOR		DATE	
BENCH MARKS		FOUND MONUMENT "LH19A"		DATE	
SURVEY INFORMATION		FIELD NOTES		DATE	
ENGINEER'S SEAL		REVISIONS		DATE	
NO.		DATE		DATE	
REMARKS		DESIGN		DATE	
DESIGNED BY: NV		DRAWN BY: LT		CHECKED BY: SE	
DATE: DEC 2019		DATE: DEC 2019		DATE: DEC 2019	
DWG NAME: C100.dwg					
MARRIOTT SUITES @		WINROCK TOWN CENTER		ALBUQUERQUE, NM	
TITLE:		HYDROLOGY			
Design Review Committee		City Engineer		Mo./Day/Yr.	
Last Update					
City Project No.		Zone Map No.		Sheet Of	
XXXX.XX		J-19		C101	



12/16/19

Plotted: 12/11/2019 9:53:02 AM. By: EdLings, Scott
Last Saved: 12/11/2019 9:33:45 AM. exd50p

Plotter: 12/11/2019 10:00:15 AM, By: Eldings, Scott
 Last Saved: 12/11/2019 10:00:00 AM, ModDate:

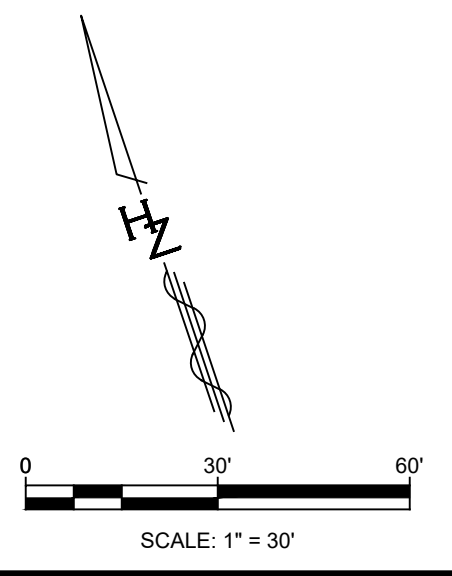


- CONSTRUCTION NOTES**
- 1 CONSTRUCT 6" ASPHALT CURB PER COA STD. DWG. 2415
 - 2 CONSTRUCT 3" SP-C ASPHALT PARKING LOT.
 - 3 STORM WATER QUALITY POND
 - 4 CURB CUT
 - 5 ROOF DRAIN

- LEGEND**
- ← DISCHARGE LOCATION
 - FLOW DIRECTION
 - ++++ LIMITS OF DISTURBANCE
 - ~ HIGH POINT

EARTHWORK SUMMARY

CUT: 1.00 CUBIC YARDS
 FILL: 1.600 CUBIC YARDS
 NET: 500 CUBIC YARDS (FILL)



Designed By:
HUITT-ZOLIARS
 Huitt-Zollars, Inc. Albuquerque
 6501 Americas Parkway NE, Suite 550
 Albuquerque, New Mexico 87110
 Phone (505) 883-8114 Fax (505) 883-5022

MARRIOTT SUITES @
WINROCK TOWN CENTER
ALBUQUERQUE, NM

TITLE: **GRADING PLAN FOR DRB SITE PLAN**

Design Review Committee	City Engineer	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of
XXXX.XX	J-19	C102	

AS-BUILT INFORMATION

CONTRACTOR	DATE
WORK BY	DATE
INSPECTOR'S	DATE
APPROVED BY	DATE
VERIFICATION BY	DATE
CONDUCTED BY	DATE
MICRO-FILM INFORMATION	DATE
RECORDED BY	DATE
NO.	

BENCH MARKS

FOUND MONUMENT "LH19A"	DATE
A CITY OF ALBUQUERQUE BRASS DISK SET IN A CONCRETE POST	
0.1 FEET BELOWGROUND LEVEL AND IS STAMPED "1-119A, 1989"	
X = 1548338.44	
Y = 1493076.47	
ELEVATION IS 5326.611 (NWD 1988)	

SURVEY INFORMATION

FIELD NOTES	DATE
BY	
NO.	

ENGINEER'S SEAL

NO.	DATE	REVISIONS	BY
		DESIGN	
DESIGNED BY: NV	DATE: DEC 2019		
DRAWN BY: LT	DATE: DEC 2019		
DWG NAME: C101.dwg			
CHECKED BY: SE	DATE: DEC 2019		

CONCEPTUAL-NOT-FOR-CONSTRUCTION

GRADING PLAN