CITY OF ALBUQUERQUE

Planning Department
[illegible], [illegible]

Mayor Timothy M. Keller

[illegible] 1293

[illegible]

[illegible] 87103

[illegible]

[illegible] 28, 2023

[illegible]. [illegible], [illegible].
[illegible] & [illegible], [illegible].
128 [illegible]
[illegible], [illegible] 87108

RE: Hiland Plaza
500 Central Ave. SE
Permanent C.O. – Accepted
Engineer’s Certification Date: 08/11/23
Engineer’s Stamp Date: 11/04/21
Hydrology File: K17D120

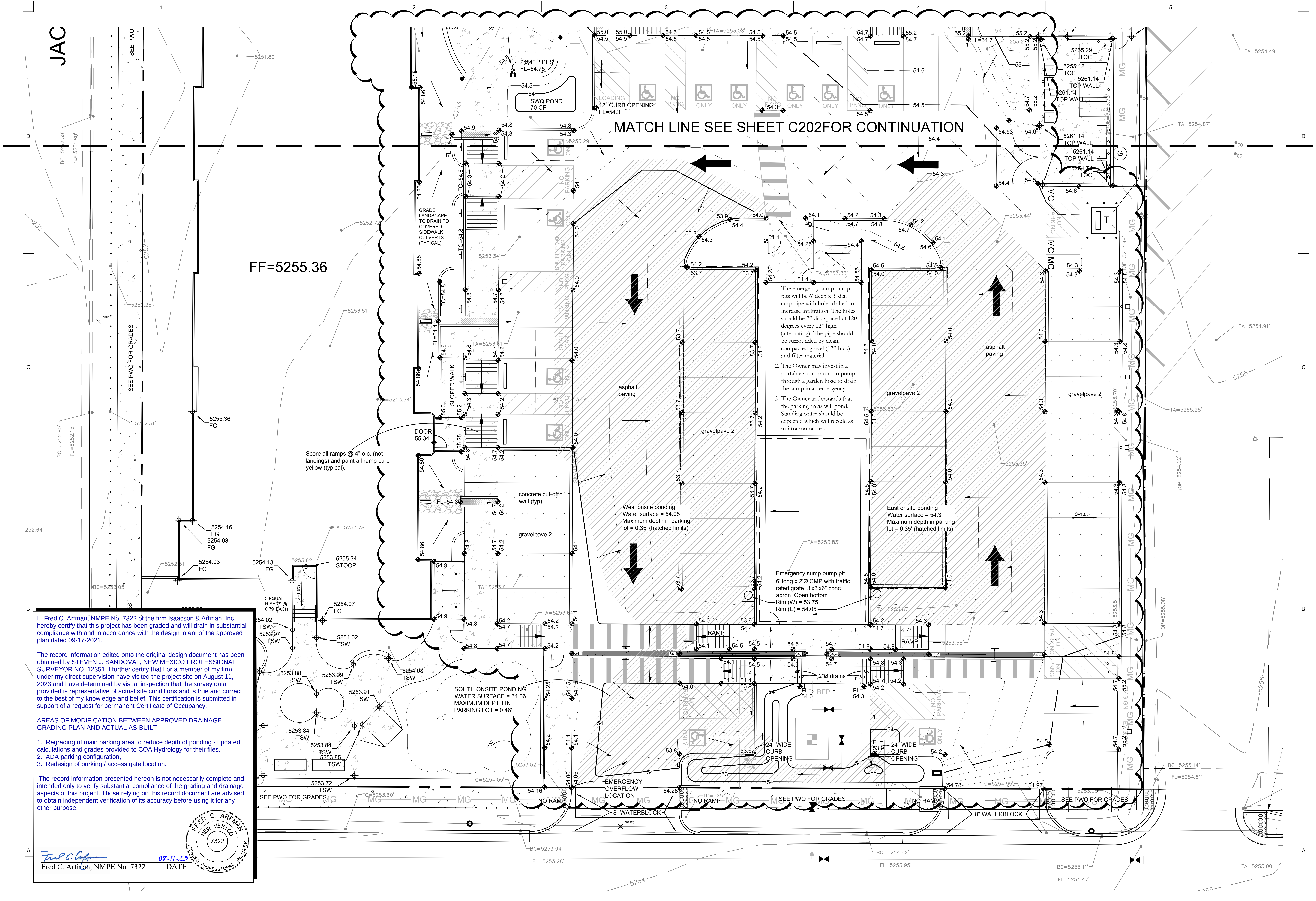
[illegible]:

[illegible] 08/22/2023 [illegible] 08/25/2023, [illegible].

[illegible], [illegible] 924-3995 [illegible].

[illegible],

[illegible]
[illegible], [illegible]
[illegible]


JAC
MATCH LINE SEE SHEET C202FOR CONTINUATION
FF=5255.36
SWQ POND 70 CF
2@4" PIPES FL=54.75
12" CURB OPENING FL=54.3
GRADE LANDSCAPE TO DRAIN TO COVERED SIDEWALK CULVERTS (TYPICAL)
SLOPED WALK
DOOR 55.34
Score all ramps @ 4" o.c. (not landings) and paint all ramp curb yellow (typical).
concrete cut-off wall (typ)
gravelpave 2
asphalt paving
West onsite ponding Water surface = 54.05 Maximum depth in parking lot = 0.35' (hatched limits)
East onsite ponding Water surface = 54.3 Maximum depth in parking lot = 0.35' (hatched limits)
Emergency sump pump pit 6' long x 2'Ø CMP with traffic rated grate. 3'x3'x6" conc. apron. Open bottom. Rim (W) = 53.75 Rim (E) = 54.05
5255.34 STOOP
3 EQUAL RISERS @ 0.39' EACH
SEE PWO FOR GRADES
RAMP
2"Ø drains
BFP
SOUTH ONSITE PONDING WATER SURFACE = 54.06 MAXIMUM DEPTH IN PARKING LOT = 0.46'
24" WIDE CURB OPENING
EMERGENCY OVERFLOW LOCATION
NO RAMP
8" WATERBLOCK
NO PARKING
ONLY
S=1.0%

1. The emergency sump pump pits will be 6' deep x 3' dia. cmp pipe with holes drilled to increase infiltration. The holes should be 2" dia. spaced at 120 degrees every 12" high (alternating). The pipe should be surrounded by clean, compacted gravel (12"thick) and filter material
2. The Owner may invest in a portable sump pump to pump through a garden hose to drain the sump in an emergency.
3. The Owner understands that the parking areas will pond. Standing water should be expected which will recede as infiltration occurs.

I, Fred C. Arfman, NMPE No. 7322 of the firm Isaacson & Arfman, Inc. hereby certify that this project has been graded and will drain in substantial compliance with and in accordance with the design intent of the approved plan dated 09-17-2021.

The record information edited onto the original design document has been obtained by STEVEN J. SANDOVAL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 12351. I further certify that I or a member of my firm under my direct supervision have visited the project site on August 11, 2023 and have determined by visual inspection that the survey data provided is representative of actual site conditions and is true and correct to the best of my knowledge and belief. This certification is submitted in support of a request for permanent Certificate of Occupancy.

AREAS OF MODIFICATION BETWEEN APPROVED DRAINAGE GRADING PLAN AND ACTUAL AS-BUILT

1. Regrading of main parking area to reduce depth of ponding - updated calculations and grades provided to COA Hydrology for their files.
2. ADA parking configuration,
3. Redesign of parking / access gate location.

The record information presented hereon is not necessarily complete and intended only to verify substantial compliance of the grading and drainage aspects of this project. Those relying on this record document are advised to obtain independent verification of its accuracy before using it for any other purpose.

Fred C. Arfman 08-11-23
Fred C. Arfman, NMPE No. 7322 DATE

FRED C. ARFMAN 7322

GRADING PLAN KEYED NOTES

SEE SHEET C-G01 FOR COMPLETE LIST OF GENERAL NOTES AND SYMBOL/LINETYPE LEGEND THAT APPLY TO ALL SHEETS.

GRAPHIC SCALE
10 0 5 10 20 40
(IN FEET)
1 inch = 10 ft.

A1 ENLARGED SITE GRADING PLAN
1" = 10'-0"

THE HARTMAN + MAJEWSKI
DESIGN GROUP
Architects • Engineers • Interior Design
Planners • Urban Designers • LEED®
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CONSULTANT
Isaacson & Arfman, Inc.
EST 1980
Civil Engineering Consultants
128 Monroe Street NE
Albuquerque, NM 87108
505-268-8828 | www.iacivil.com

STAMP
Original approved plans stamped by
David Aube, PE
NMPE 14221
The Hartman + Majewski Design Group
Stamp Date 2021.11.04

Revisions to the approved plans stamped
by Fred C. Arfman, PE
NMPE 7322
Isaacson & Arfman, Inc.
Stamp Date 2022 .08.15

PERMIT SET

PROJECT NAME

HILAND PLAZA

5000 CENTRAL AVENUE NE
ALBUQUERQUE, NM 87108

REVISIONS

NO.	DATE	DESCRIPTION
7	08/10/22	ASI 006

Drawn by	BJB
Checked by	FCA
Date	July 15, 2022
Project number	IA# 2511

SHEET TITLE

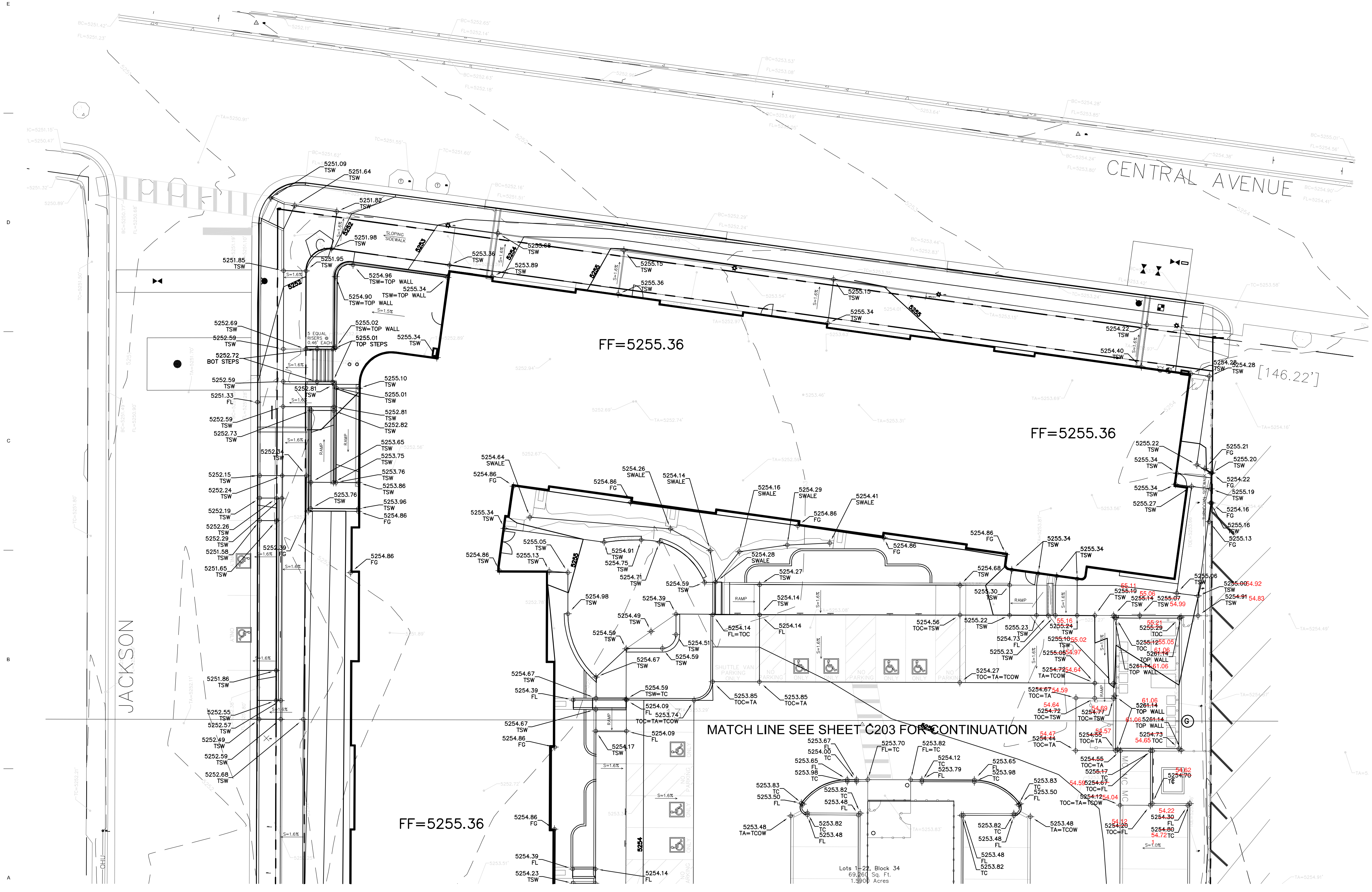
ENLARGED
SITE GRADING PLAN

SHEET NUMBER

C-203
ASI #6

GRADING PLAN GENERAL NOTES

1. SEE SHEET C-G01 FOR COMPLETE LIST OF GENERAL NOTES AND SYMBOL/LINETYPE LEGEND THAT APPLY TO ALL SHEETS.



CENTRAL AVENUE
JACKSON
FF=5255.36
FF=5255.36
FF=5255.36
[146.22']
MATCH LINE SEE SHEET C203 FOR CONTINUATION
Lots 1-22, Block 34
69,260 Sq. Ft.
1.5900 Acres
SLOPING SIDEWALK
5 EQUAL RISERS @ 0.46" EACH
RAMP
SHUTTLE VAN PARKING ONLY
NO PARKING
5251.09 TSW
5251.64 TSW
5251.82 TSW
5251.98 TSW
5251.95 TSW
5251.85 TSW
5254.96 TSW=TOP WALL
5255.34 TSW=TOP WALL
5254.90 TSW=TOP WALL
5255.02 TSW=TOP WALL
5255.01 TOP STEPS
5252.72 BOT STEPS
5253.36 TSW
5253.68 TSW
5253.89 TSW
5255.15 TSW
5255.36 TSW
5255.34 TSW
5254.22 TSW
5254.40 TSW
5254.28 TSW
5254.64 SWALE
5254.26 SWALE
5254.14 SWALE
5254.16 SWALE
5254.29 SWALE
5254.41 SWALE
5254.28 SWALE
5254.86 FG
S=1.6%
S=7.5%

A1 ENLARGED SITE GRADING PLAN
1" = 10'-0"

GRAPHIC SCALE
(IN FEET)
1 inch = 10 ft.

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Albuquerque New Mexico 87106
T 505 242 6880 • F 505 242 6881

CONSULTANT

STAMP

David Aube
14221

PERMIT SET

PROJECT NAME

HILAND PLAZA

5000 CENTRAL AVENUE NE
ALBUQUERQUE, NM 87108

REVISIONS

NO.	DATE	DESCRIPTION

Drawn by DAA
Checked by DAA
Date September 20, 2021
Project number 2574

SHEET TITLE

ENLARGED
SITE GRADING PLAN

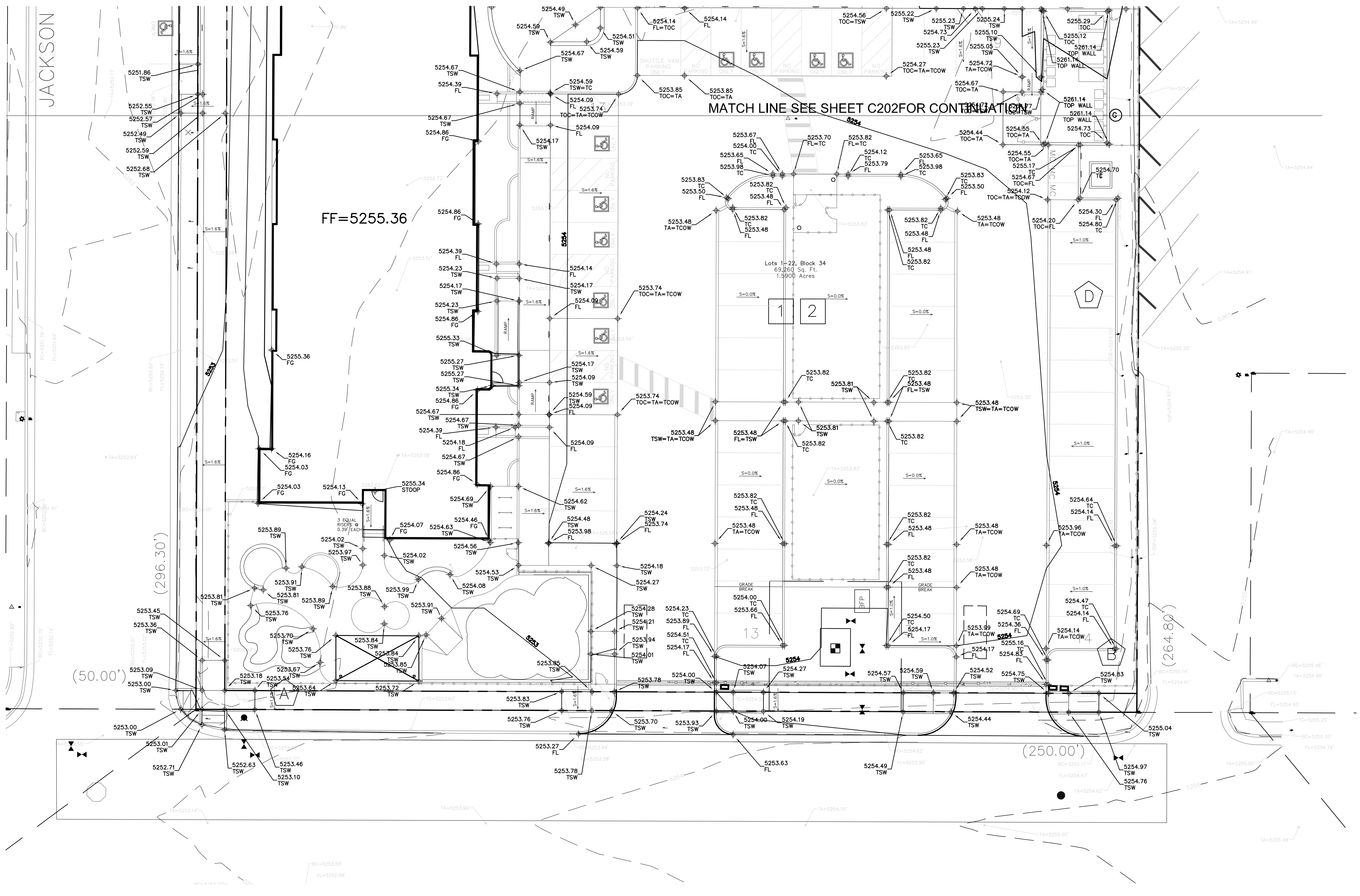
SHEET NUMBER

C-202

09/16/2021

GRADING PLAN GENERAL NOTES

1. SEE SHEET C-G01 FOR COMPLETE LIST OF GENERAL NOTES AND SYMBOL/LINETYPE LEGEND THAT APPLY TO ALL SHEETS.



JACKSON
FF=5255.36
MATCH LINE SEE SHEET C202FOR CONTINUATION
Lots 1-22, Block 34
69,260 Sq. Ft.
1.5900 Acres
1
2
13
14
D
A
B
G
(296.30')
(50.00')
(250.00')
(264.80')
5254
5253
RAMP
GRADE BREAK
3 EQUAL RISERS @ 0.39' EACH
5255.34 STOOP
SHUTTLE VAN PARKING ONLY
NO PARKING
S=1.6%
S=1.0%
S=0.0%
5261.14 TOP WALL
5253.74 TOC=TA=TCOW
5253.48 TSW=TA=TCOW
5255.36 FG

A1 ENLARGED SITE GRADING PLAN

1" = 10'-0"

GRAPHIC SCALE

0 10 20 40

(IN FEET)
1 inch = 10 ft.

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CONSULTANT

STAMP

DAVID A. AUBE
STATE OF NEW MEXICO
14221
REGISTERED PROFESSIONAL ENGINEER

David Aube

Digitally signed by David Aube
DN: C=US,
E=daube@designgroupnm.com,
O="The Hartman + Majewski Design Group", OU=Civil Department, CN=David Aube
Date: 2021.09.17 08:46:01-06'00'

PERMIT SET

PROJECT NAME

HILAND PLAZA

5000 CENTRAL AVENUE NE
ALBUQUERQUE, NM 87108

REVISIONS

NO.	DATE	DESCRIPTION

Drawn by DAA
Checked by DAA
Date September 20, 2021
Project number 2574

SHEET TITLE

ENLARGED
SITE GRADING PLAN

SHEET NUMBER

C-203

09/16/2021