# CITY OF ALBUQUERQUE

Planning Department
Brennon Williams, Director



March 24, 2020

Holden Rennaker, P.E. Short Elliott Hendrickson, Inc. 934 Main Ave., Unit C Durango, CO 81301

**RE:** Monterey Motel

2402 Central Ave. SW

Grading and Drainage Plan Stamp Date: 3/4/20

Hydrology File: J12D032

Dear Mr. Rennaker:

Based on the submittal received on 3/6/20 and Payment-in-Lieu received on 3/23/20, the Grading and Drainage Plan is approved for Building Permit.

PO Box 1293

Prior to Certificate of Occupancy (For Information):

Albuquerque

1. Engineer's Certification, per the DPM Chapter 22.7: *Engineer's Certification Checklist For Non-Subdivision* is required.

NM 87103

2. City acceptance and close-out of the public Work Order will be required, unless a financial guarantee has been posted.

www.cabq.gov

If you have any questions, please contact me at 924-3986 or earmijo@cabq.gov.

Sincerely,

Ernest Armijo, PE

Principal Engineer, Planning Dept.

**Development Review Services** 

## **MONTEREY MOTEL**

# GRADING AND DRAINAGE PLAN SUPPLEMENTAL CALCULATIONS AND FINDINGS

ALBUQUERQUE, NM





March 05, 2020

## Prepared by:

Short, Elliott, Hendrickson, Inc. 934 Main Ave., Unit C Durango, CO 81301



#### INTRODUCTION

The Monterey Motel project is a proposed motel renovation and addition located at 2402 Central Avenue SW, Albuquerque, NM 87104. The project includes two existing single story buildings which will be renovated during Phase 1 to have a combined footprint of approximately 5,900-sf. Phase 2 of the project will have an additional building around the existing pool deck that will have a footprint of 2,805-sf.

The following report summarizes calculations and findings supplemental to the submitted Grading and Drainage Plan. The Grading and Drainage Plan highlights both the existing and proposed conditions and flow calculations for each basin. The following sections provide more detail into certain design elements of the drainage scheme.

#### STORMWATER CONVEYANCE

Basins A1-A5 were all designed to surface flow to a concrete valley pan in the center of the drive aisle. The valley pan was designed to have a series of high and low points with a proposed inlet at each low point. These inlets were designed to be drained by a proposed 12-in storm drain trunk line. Proposed roof drain lines were also designed to tie into this trunk line system.

#### Valley Pan Inlets

The *Hydraflow Express Extension for AutoCad Civil3D* 2018 was used to model the proposed inlets to determine the water spread during the 100-year storm. The inlets were modelled per COA Type D Single Inlets in a sag condition. *Express* output is attached and shows that the maximum spread of these inlets during the highest 100-year flow for Basins A1-A5 (0.50-cfs) results in a spread of 6-ft – within the drive aisle.

#### Storm Drain Trunk Line

The *Hydraflow Express Extension for AutoCad Civil3D* 2018 was used to model the highest flow in the trunk line during the 100-year storm. The storm drain pipe was modelled as being 12-in PVC with a slope of 0.5%. *Express* output is attached and shows that the total developed flow of the site (2.63-cfs) flows through the pipe with a flow depth of 0.68-ft.

#### Roof Drain Inlets

Each proposed roof drain was designed to flow into an 8-in Nyoplast Drop-In Grate Inlet. The maximum 100-year storm flow of a building basin (0.39 cfs for the existing East Building) was found to pool up just over 3-in from the grate rim - 0.75-ft below the finish floor elevation. This flow assumption was found to be conservative as this basin flow was designed to be split over several drop inlets.

#### Roof Drain Collector

The Hydraflow Express Extension for AutoCad Civil3D 2018 was used to model the proposed roof drain trunk line to verify the lines can adequately convey the 100-year storm. The pipe was modelled as an 8-in PVC line with 0.5% slope with a flow of 0.62-cfs (the combined flow of the West Building and Addition). The Express results attached show that the proposed lines can adequately convey the flow.

#### **ATTACHMENTS**

- Output from *Hydraflow Express Extension for Civil 3D* (Valley Pan Inlet)
- Output from *Hydraflow Express Extension for Civil 3D* (Trunk Line Pipe)
- Design Sheet for Drop Grate Inlet for Nyoplast Drop Inlets
- Output from *Hydraflow Express Extension for Civil 3D* (Roof Drain Collector)
- Site FIRMette Map
- FIRM Panel

# **Inlet Report**

Hydraflow Express Extension for Autodesk® AutoCAD® Civil 3D® by Autodesk, Inc.

Wednesday, Jan 29 2020

## **MOMO Valley Pan Inlet**

<b>Drop Grate Inlet</b>	
Location	= Sag
Curb Length (ft)	= -0-
Throat Height (in)	= -0-
Grate Area (sqft)	= 4.00
Grate Width (ft)	= 2.08
Grate Length (ft)	= 3.33

#### Gutter

Slope, Sw (ft/ft)	=	0.040
Slope, Sx (ft/ft)	=	0.040
Local Depr (in)	=	-0-
Gutter Width (ft)	=	3.00
Gutter Slope (%)	=	-0-
Gutter n-value	=	-0-

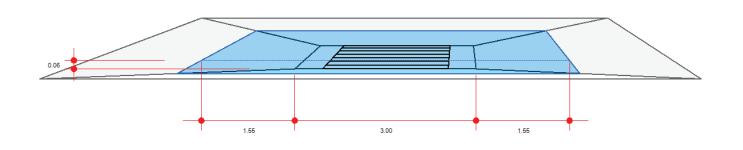
### **Calculations**

Compute by:	Known Q
Q (cfs)	= 0.50

### Highlighted

Q Total (cfs)	=	0.50
Q Capt (cfs)	=	0.50
Q Bypass (cfs)	=	-0-
Depth at Inlet (in)	=	0.74
Efficiency (%)	=	100
Gutter Spread (ft)	=	6.09
Gutter Vel (ft/s)	=	-0-
Bypass Spread (ft)	=	-0-
Bypass Depth (in)	=	-0-

All dimensions in feet



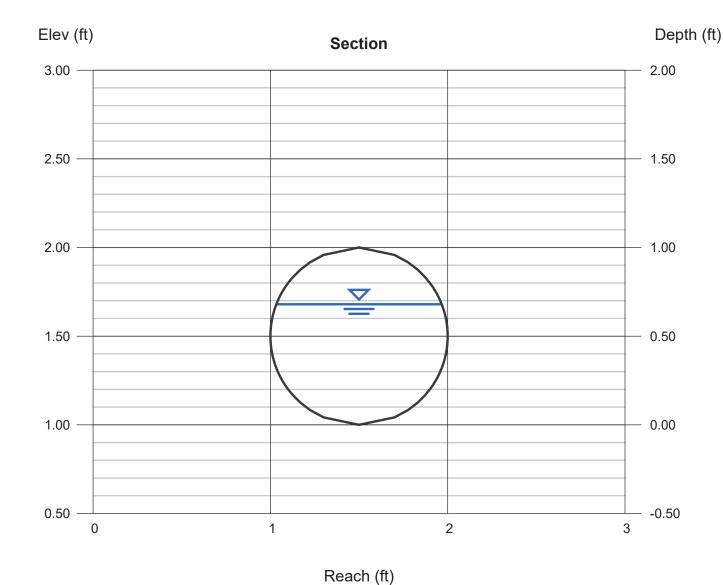
# **Channel Report**

Hydraflow Express Extension for Autodesk® AutoCAD® Civil 3D® by Autodesk, Inc.

Wednesday, Jan 29 2020

### TRUNK LINE

Circular		Highlighted	
Diameter (ft)	= 1.00	Depth (ft)	= 0.68
		Q (cfs)	= 2.630
		Area (sqft)	= 0.57
Invert Elev (ft)	= 1.00	Velocity (ft/s)	= 4.62
Slope (%)	= 0.50	Wetted Perim (ft)	= 1.94
N-Value	= 0.010	Crit Depth, Yc (ft)	= 0.70
		Top Width (ft)	= 0.93
Calculations		EGL (ft)	= 1.01
Compute by:	Known Q		
Known Q (cfs)	= 2.63		







## **Nyloplast Drop In Grates**

### **Applications**

Nyloplast Drop In Grates are commonly used in non-traffic applications such as green spaces as well as atrium walkway areas. The Drop In grates are designed to fit most pipe types such as ADS N-12, PVC Sewer SDR35, PVC Schedule 40 and so on. They are light weight and easy to install while maintaining the durability of a ductile iron casting making them extremely versatile for an assortment of different applications.



Nyloplast Drop In Grates conform to ASTM A536 grade 70-50-05 for ductile iron castings. These grate designs are not load rated like some of our other casting designs and therefore should not be used in vehicular traffic applications.





6" Drop In Grate

8" Drop In Grate





10" Drop In Grate

12" Drop In Grate





15" Drop In Grate

18" Drop In Grate



24" Drop In Grate

### **Inlet Capacity Information**

NYLOPLAST INLET CAPACITY CHART DATA									
	GRATE OPEN	GRATE OPEN PERIMETER OF		FLOW RATE AT DIFFERENT HEAD PRESSURES (cfs)			CHANGE OVER FROM WEIR FLOW TO ORIFICE		
NYLOPLAST CASTINGS	GRATE SIZES	AREA (sq.in.)	GRATE	0.25'	0.50'	0.75'	1.00'	FLC	)W
		OFENINGS (III.)	(3")	(6")	(9")	(12")	FLOW (cfs)	HEAD (ft)	
	6 IN	9.98	16.47	0.165	0.230	0.285	0.330	0.085	0.065
	8 I N	19.30	22.29	0.320	0.450	0.555	0.640	0.180	0.090
	10 IN	32.80	28.58	0.550	0.770	0.950	1.080	0.410	0.130
DROP IN GRATES	12 IN	39.75	33.70	0.680	0.950	1.150	1.290	0.490	0.140
	15 IN	62.03	41.78	1.049	1.450	1.790	2.060	0.855	0.175
	18 IN	84.61	48.69	1.400	1.950	2.430	2.800	1.280	0.210
	24 IN	164.94	66.76	2.300	3.800	4.750	5.450	3.000	0.300

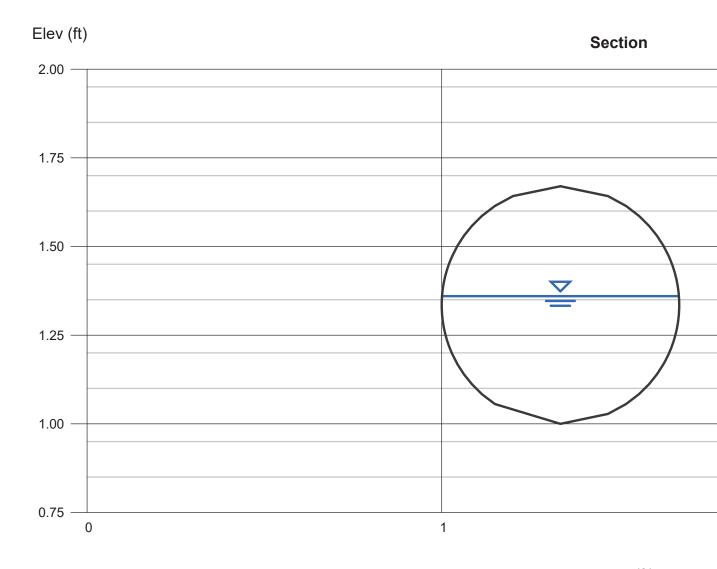
# **Channel Report**

Hydraflow Express Extension for Autodesk® AutoCAD® Civil 3D® by Autodesk, Inc.

Wednesday, Mar 4 2020

### **Roof Drain Collector**

Circular		Highlighted	
Diameter (ft)	= 0.67	Depth (ft)	= 0.36
		Q (cfs)	= 0.620
		Area (sqft)	= 0.19
Invert Elev (ft)	= 1.00	Velocity (ft/s)	= 3.20
Slope (%)	= 0.50	Wetted Perim (ft)	= 1.11
N-Value	= 0.010	Crit Depth, Yc (ft)	= 0.37
		Top Width (ft)	= 0.67
Calculations		EGL (ft)	= 0.52
Compute by:	Known Q		
Known Q (cfs)	= 0.62		

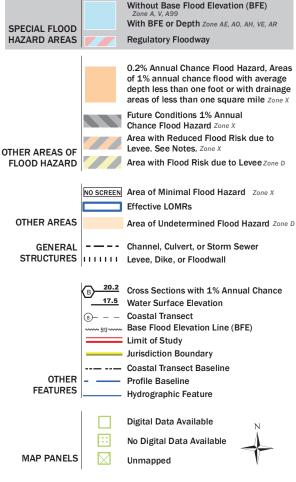


## National Flood Hazard Layer FIRMette





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT





The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

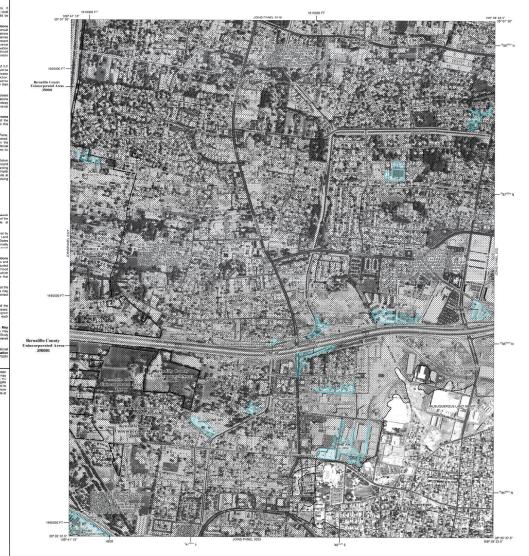
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/26/2020 at 7:05:49 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.









### **LEGAL DESCRIPTION:**

LOT 11-A TRACTION PARK AND CITY ELECTRIC ADDITION THE TOWN OF ALBUQUERQUE GRANT PROJECTED SECTION 13, TOWNSHIP 10 NORTH, RANGE 2 EAST NEW MEXICO PRINCIPAL MERIDIAN

CITY OF ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO

VERTICAL DATUM IS BASED ON CITY OF ALBUQUERQUE CONTROL SURVEY BENCHMARK "14\_J12" HAVING A PUBLISHED ELEVATION OF 4965.465' (NAVD 1988)

### **EXISTING CONDITIONS:**

THE PROPOSED DEVELOPMENT IS PRESENTLY AN EXISTING MOTEL THAT IS PREDOMINANTLY ASPHALT AND CONCRETE COVERED, WITH AREAS OF COMPACTED GRAVEL AND MINIMAL LANDSCAPING. THE EXISTING SITE DRAINS TO A LOW POINT IN THE SOUTH DRIVE AISLE WHERE IT IS CAPTURED BY A PRIVATE STORM DRAIN INLET. FLOWS FROM THIS INLET ARE THEN CONVEYED VIA A 6-IN STORM DRAIN LINE TO AN EXISTING CITY 18-IN STORM DRAIN TO THE EAST OF THE PROJECT SITE. MINOR NUISANCE FLOWS SURFACE FLOW TO BOTH NEW YORK AVENUE AND CENTRAL AVENUE.

TOTAL RUNOFF FROM THE EXISTING SITE WAS CALCULATED IN TABLE 1 OF THIS PLAN.

ADJACENT PROPERTIES WERE NOT FOUND TO DISCHARGE ONTO THE PROJECT SITE. THE EAST AND WEST LOT LINES HAVE AN EXISTING CMU WALL THAT PREVENT FLOWS FROM ENTERING OR LEAVING THE SITE.

#### PROPOSED CONDITIONS:

THE PROJECT WILL CONSIST OF TWO PHASES. PHASE 1 IS THE RENOVATION OF THE EXISTING MOTEL BUILDING WHICH RESULTS IN A SMALLER BUILDING AREA BASED ON THE DEMOLITION OF AN ADDITION ON THE WEST MOTEL BUILDING. PHASE 2 IS FOR A NEW BUILDING AROUND THE EXISTING POOL. BOTH PHASES WERE INCLUDED IN ALL STORM DRAIN CALCULATIONS TO ENSURE ADEQUATE FEATURE SIZING AND FOR DEVELOPED RUNOFF CALCULATIONS.

THE PROPOSED SITE WAS DESIGNED TO HAVE SLIGHTLY REDUCED IMPERVIOUS AREA FROM EXISTING CONDITIONS.

THE MIDDLE PORTION OF THE SITE WAS DIVIDED INTO BASINS A1, A2, A4, AND A5 WHICH WERE DESIGNED TO DRAIN TO THEIR RESPECTIVELY NAMED INLETS. INLET A3 IS NEAR A HIGH POINT IN THE GUTTER PAN WHICH RESULTS IN NEGLIGIBLE FLOW. THIS INLET WAS DESIGNED PREMARILY TO PROVIDE A CHANGE OF DIRECTION OF THE STORM DRAIN PIPE.

FLOWS FROM THE ROOF AND FROM BEHIND EACH BUILDING WILL BE CONVEYED VIA A STORM DRAIN COLLECTION SYSTEM THAT RUNS BEHIND EACH BUILDING. ROOF DOWNSPOUTS WERE DESIGNED TO DISCHARGE INTO A SMALL AREA DRAIN WHICH WILL TIE INTO THESE COLLECTION LINES.

PONDING FEATURES ON-SITE WERE NOT REASONABLY ABLE TO BE DESIGNED BASED ON THE CONSTRAINTS OF THE SITE. 23,087-SF OF IMPERVIOUS AREA WILL NOT BE TREATED ON-SITE AND THE DEVELOPER IS REQUESTING TO PAY A FEE IN-LIEU OF MANAGING ON SITE PER TABLE 6.17 OF THE DRAFT DPM. THIS AREA INCLUDES THE IMPERVIOUS AREA OF THE PHASE 2 BUILDING AND POOL

STORM VOLUMES AND PEAK FLOW CALCULATIONS ARE SHOWN IN TABLES 3 AND 4. WATER QUALITY VOLUME CALCULATIONS ARE SHOWN IN TABLE 5.

THE DEVELOPED OVERALL FLOWS WILL BE SLIGHTLY REDUCED FROM THE EXISTING CONDITIONS, AS SHOWN IN TABLE 2. THE RUNOFF PATTERN WAS ALTERED SLIGHTLY TO CONVEY FLOWS TO AN EXISTING STORM DRAIN MANHOLE AS OPPOSED TO THE EXISTING 6-IN STORM DRAIN CONNECTION.

NOTES: PROPOSED WATERBLOCK PER **COA STANDARD DETAIL 2424** 1. NO WORK SHALL BE PERFORMED IN PUBLIC ROW WITHOUT AN APPROVED WORK ORDER OR EXCAVATION PERMIT. ROOF DOWNSPOUT (TYP.) 8-IN NYOPLAST DROP GRATE INLET TO TIE INTO ROOF DRAIN TRUNK LINE **SEE SHEET C-201** WITH 8X8X8 PVC TEE FOR NORTH GRADING DETAIL PROPOSED INLET A5 PROPOSED TRENCH DRAIN COA SINGLE D TYPE INLET WITH TO CAPTURE MONTEREY MOTEL FLOWS VALLEY PAN GRATE FROM ENTERING EL VADO PLACE PROPERTY PROPOSED 12-IN PVC STORM DRAIN LINE A SEE SHEET C-301 PROPOSED SPILL CURB & GUTTER PROJECT BACKGROUND INFORMATION PROPOSED 8-IN PVC **ROOF DRAIN** COLLECTOR (TYP.) **PROJECT AREA: 0.66 ACRES** MATCH GRADE AT EXISTING ZONE: 2 **4955.50** SIDEWALK (TYP.) FROM TABLE 6.7 FOR ZONE 2 **EAST** PROPOSED INLET A4 **EXCESS PRECIPITATION (INCHES)** COA SINGLE D TYPE INLET WITH PROPOSED 8-IN PVC TREATMENT 2-YR 10-YR 100-YR **VALLEY PAN GRATE ROOF DRAIN** WEST 0.15 0.62 COLLECTOR (TYP.) 0.02 0.3 8.0 0.16 0.48 1.03 0.98 1.51 2.33 4956.37 FROM TABLE 6.8 FOR ZONE 2 PROPOSED INLET A3 PAVE UP TO PROPOSED SIDEWALK PEAK DISCHARGE (CFS/ACRE) COA SINGLE D TYPE INLET WITH **TREATMENT** 2-YR 10-YR 100-YR VALLEY PAN GRATE 0.41 1.71 2.36 0.08 0.95 0.61 3.05 1.59 PROPOSED 3.0-FT 1.66 2.71 4.34 **GUTTER PAN** PROPOSED 8-IN PVC **ROOF DRAIN** - PROPOSED INLET A2 COA SINGLE D TYPE INLET WITH **VALLEY PAN GRATE** PROPOSED 8-IN PVC **ROOF DRAIN COLLECTOR LINE** 3 **EXISTING STORM INLET TO BE REMOVED** EXISTING 6-IN PIPE TO BE CAPPED AND ABANDONED TABLE 1 - EXISTING SITE OVERALL RUNOFF SEE SHEET C-202 **PROPERY LINE (TYP.)** FOR SOUTH GRADING DETAIL 4955.87 **BASIN A1** PROPOSED INLET A1

		PEAK (CFS)		
LAND TREATMENT	AREA (ACRES)	2-YR	10-YR	100-YR
В	0.01	0.00	0.01	0.02
С	0.11	0.07	0.17	0.34
D	0.55	0.91	1.49	2.39
TOTAL	0.67	0.98	1.67	2.75

**TABLE 2 - DEVELOPED SITE OVERALL RUNOFF** 

		PEAK (CFS)		
LAND TREATMENT	AREA (ACRES)	2-YR	10-YR	100-YR
В	0.14	0.01	0.13	0.33
С	0	0.00	0.00	0.00
D	0.53	0.88	1.44	2.30
TOTAL	0.67	0.89	1.57	2.63

**EXISTING 18-IN STORM DRAIN ADDITIO** 4955.87 PROPOSED TIE INTO EXISTING STORM MANHOLE TO BE CONSTRUCTED UNDER CITY WORK ORDER PROPOSED TRENCH DRAIN WITH ROOF DRAIN TIE-INS PROPOSED WATERBLOCK PER

## TABLE 3 - DEVELOPED BASIN VOLUME TABLE

				EV0500	11//00 000	14400 4440	1/400 4 5 4 1/4	1/400 40 DAY
	TREATMENT B	TREATMENT D	TOTAL AREA	EXCESS	V100 - 360	V100 - 1440	V100 - 4 DAY	V100 - 10 DAY
BASIN	AREA (ACRES)	AREA (ACRES)	(ACRES)	PRECIPITATION (IN)	(CF)	(CF)	(CF)	(CF)
A1	0.01	0.11	0.12	2.203	959	1134	1373	1656
A2	0.02	0.08	0.1	2.024	735	880	1080	1316
A4	0	0.1	0.1	2.33	846	991	1191	1427
A5	0	0.08	0.08	2.33	677	793	953	1141
WEST BUILDING	0.02	0.06	0.08	1.948	566	682	841	1030
EAST BUILDING	0.02	0.08	0.1	2.024	735	880	1080	1316
ADDITION	0.02	0.06	0.08	1.948	566	682	841	1030

Q2 (CFS)	Q10 (CFS)	Q100 (CFS)
0.18	0.31	0.50
0.13	0.24	0.39
0.17	0.27	0.43

BAOIN	Q2 (01 0)	<b>G</b> 10 (01 0)	Q100 (01 0)
A1	0.18	0.31	0.50
A2	0.13	0.24	0.39
A4	0.17	0.27	0.43
A5	0.13	0.22	0.35
WEST BUILDING	0.10	0.18	0.31
EAST BUILDING	0.13	0.24	0.39
ADDITION	0.10	0.18	0.31

TABLE 4 - DEVELOPED BASIN RUNOFF TABLE

# **TABLE 5 - DEVELOPED WATER QUALITY TABLE**

BASIN

**COA STANDARD DETAIL 2424** 

BASIN

	PRIVATE IMPERVIOUS	80TH PERCENTILE	VOLUME	VOLUME	FEE-IN LIEU OF	FEE-IN LIEU
BASIN	AREA (SF)	EVENT (IN)	REQUIRED (CF)	PROVIDED (CF)	VOLUME (CF)	OF AREA (SF)
SITE	23087	0.26	500	0	500	23087
		•				

PREPARED BY:

**COA SINGLE D TYPE INLET WITH** 

PROPOSED 12-IN PVC STORM DRAIN

**VALLEY PAN GRATE** 

(TYP.)



## **Short Elliott** Hendrickson, Inc.

934 Main Avenue, Unit C PLAN Durango, Colorado 81301 Phone: (970) 385-4546 Fax: (970) 385-4502

C-102

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CHECKED BY: PR

DESIGN PLUS, LLC

**GRADING AND** 

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SHEET TITLE

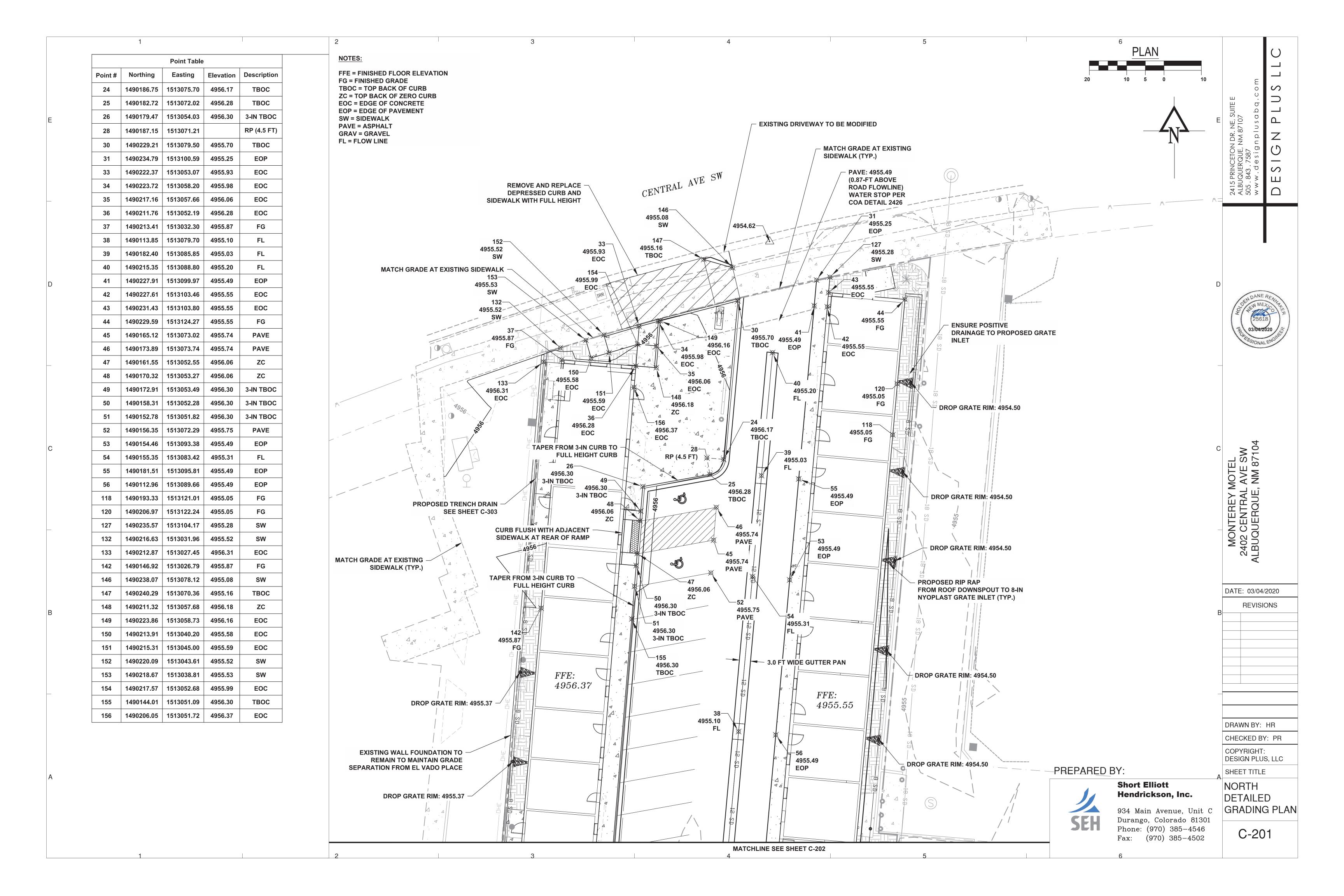
DRAINAGE

MOTE L AVE E, NM 8

MONTEREY M 2402 CENTRAL / ALBUQUERQUE, I

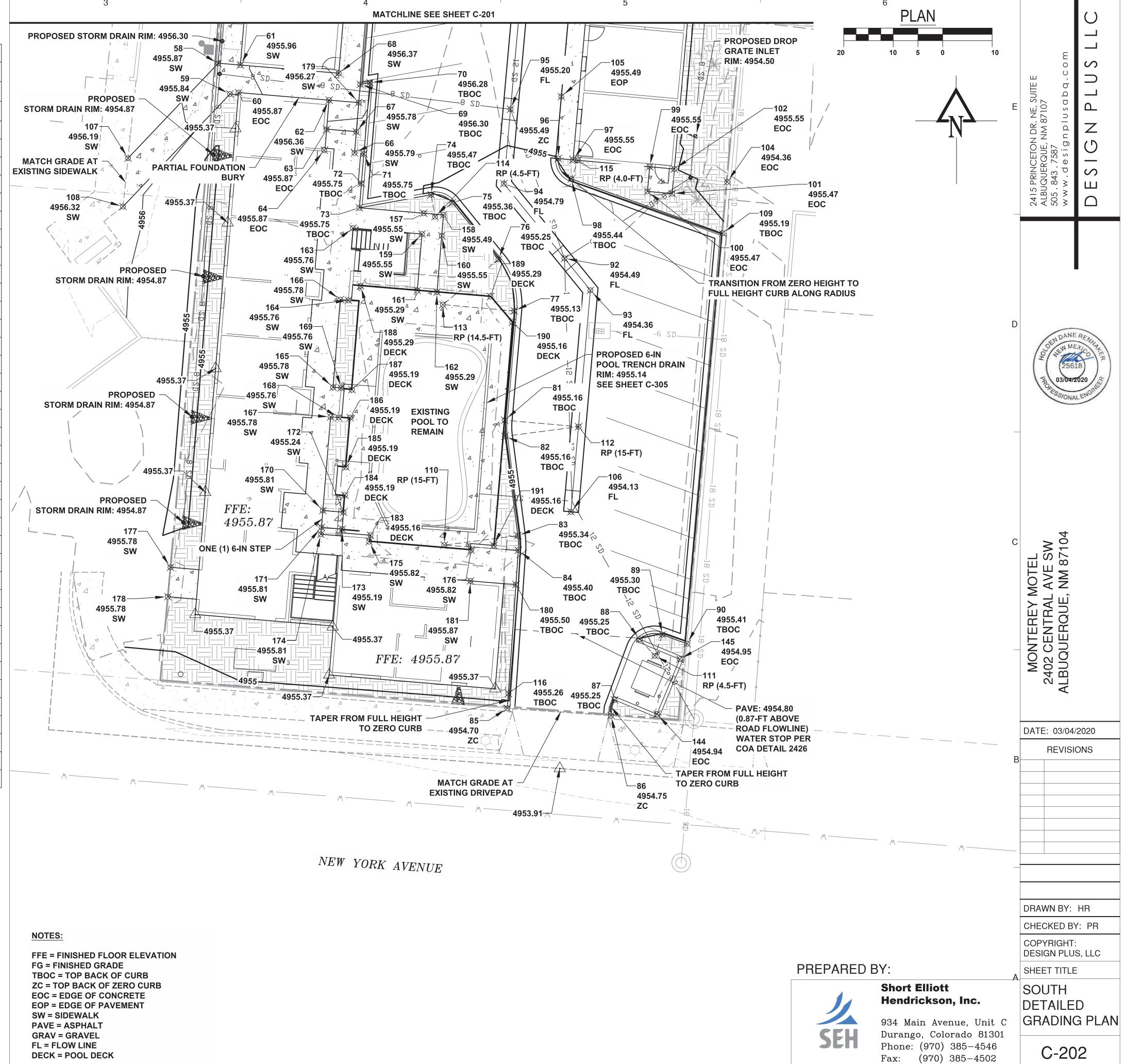
DATE: 03/04/2020

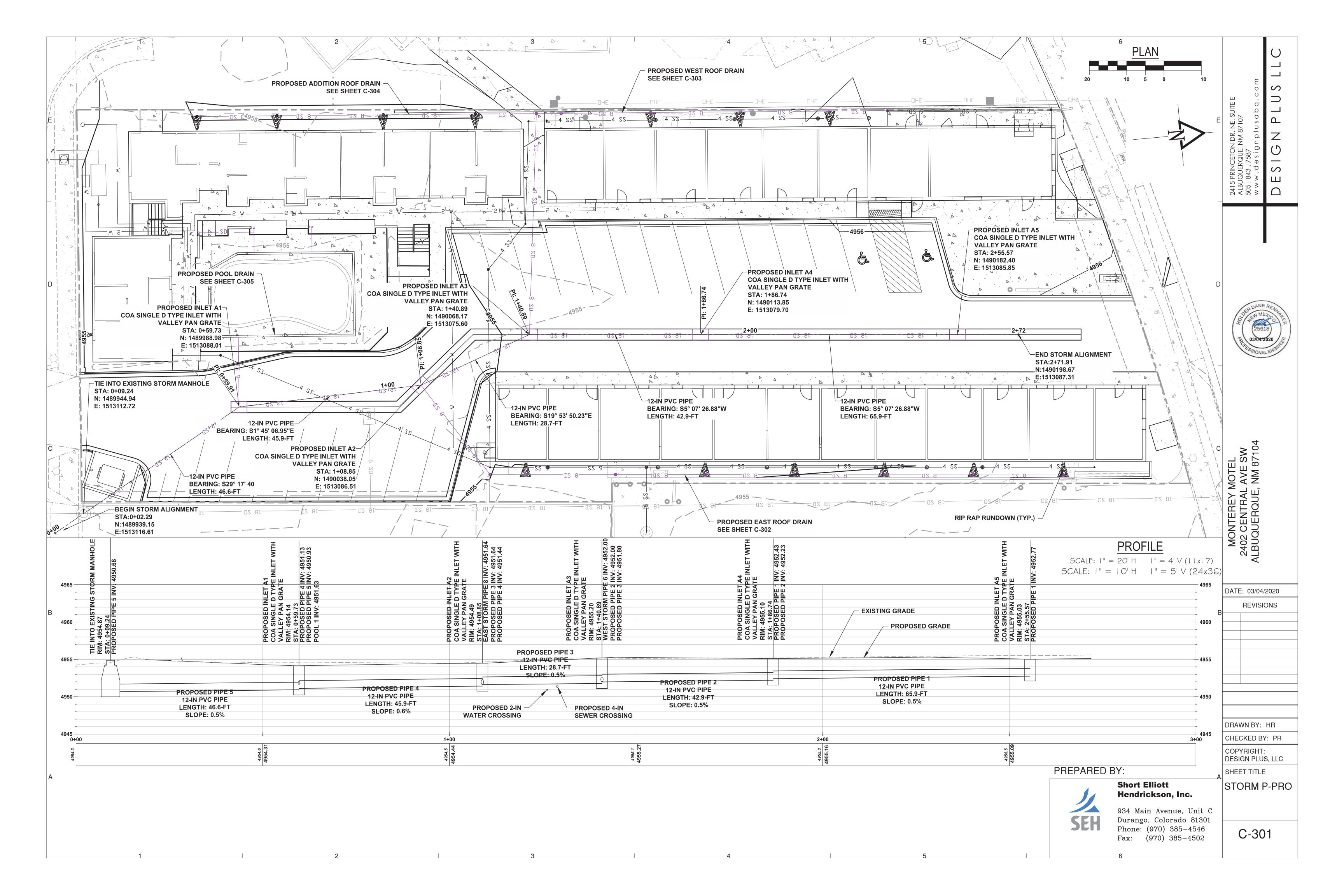
**REVISIONS** 

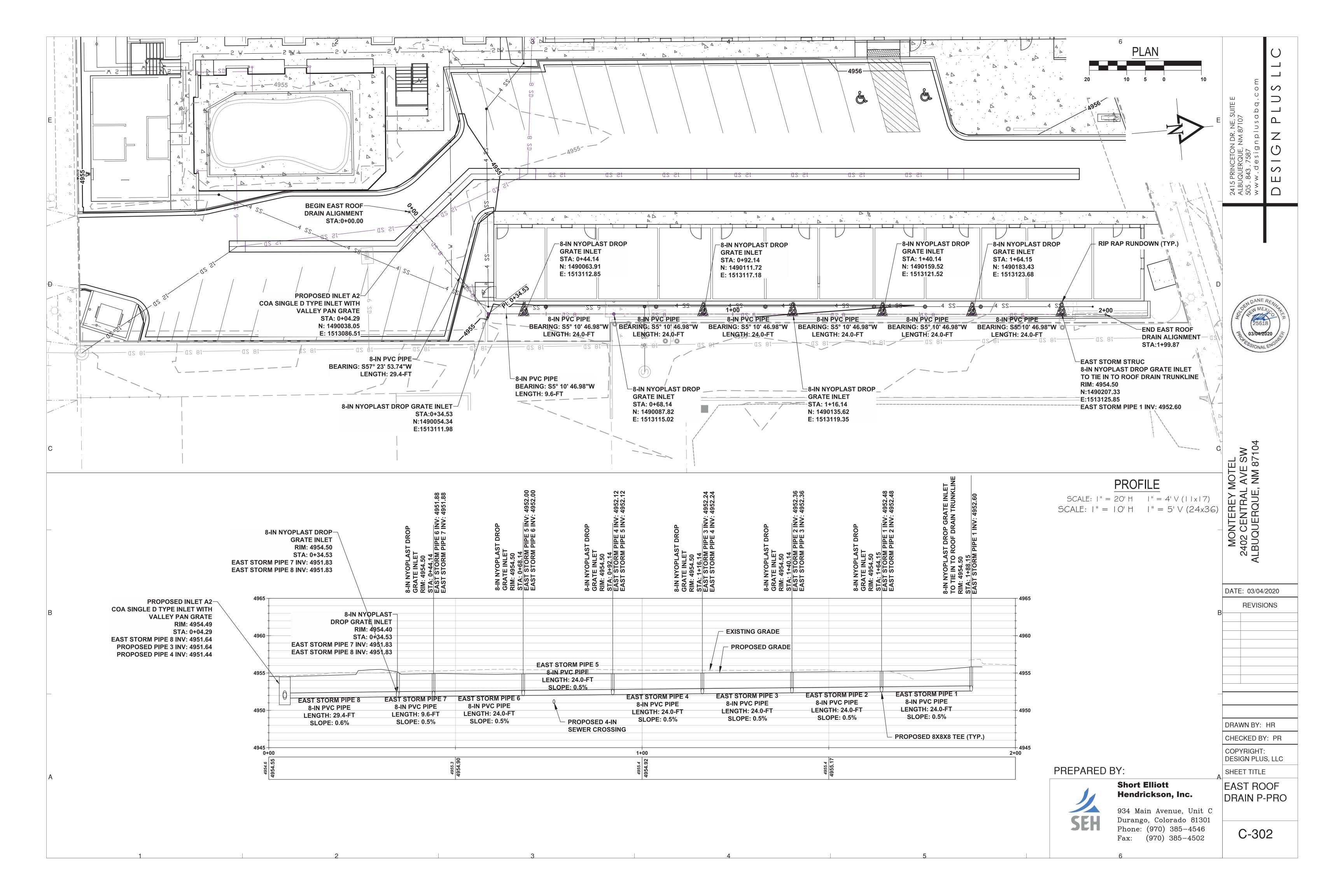


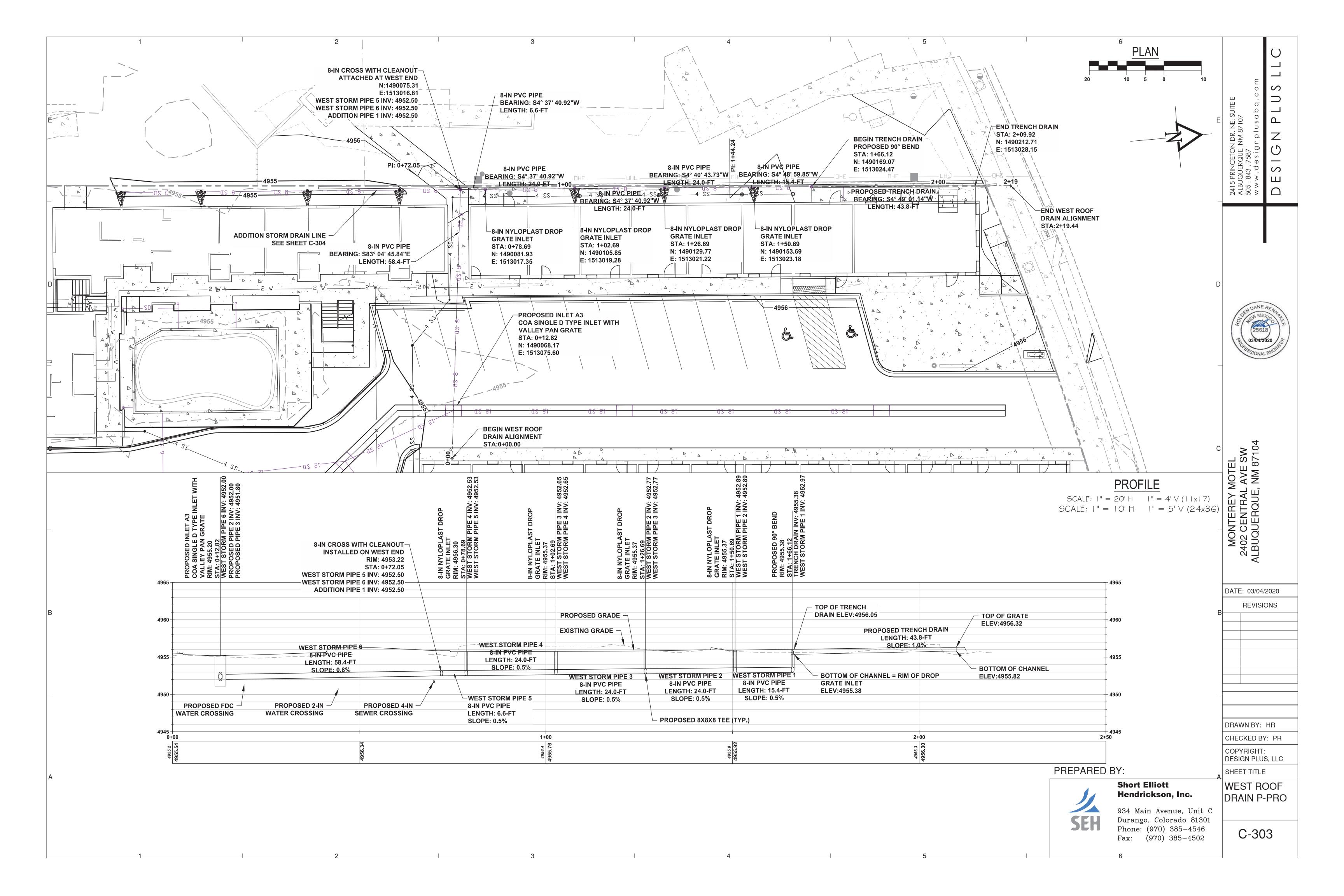
-			Point Table	<del>;</del>	
ļ	Point #	Northing	Easting	Elevation	Description
	58	1490077.43	1513016.48	4955.87	SW
l	59	1490071.26	1513018.90	4955.84	SW
	60	1490071.54	1513020.61	4955.87	EOC
	61	1490077.11	1513021.00	4955.96	SW
	62	1490070.02	1513038.92	4956.36	SW
	63	1490064.11	1513038.43	4955.87	EOC
	64	1490059.88	1513037.96	4955.87	EOC
-	66	1490059.38	1513044.07	4955.79	SW
	67	1490063.62	1513044.43	4955.78	SW
ľ	68	1490075.46	1513040.89	4956.37	sw
ľ	69	1490073.20	1513045.22	4956.30	ТВОС
ŀ	70	1490073.55	1513047.16	4956.28	ТВОС
ŀ	71	1490059.16	1513045.96	4955.75	ТВОС
}	72	1490053.18	1513045.47	4955.75	ТВОС
	73	1490048.27	1513045.06	4955.75	ТВОС
-	74	1490050.90	1513059.55	4955.47	ТВОС
-	75	1490049.30	1513063.85	4955.36	ТВОС
	76	1490037.83	1513073.16	4955.25	ТВОС
-	77	1490027.43	1513076.35	4955.13	ТВОС
-	81	1490005.34	1513074,41	4955.16	ТВОС
	82	1490002.10	1513074.48	4955.16	ТВОС
-	83	1489982.03	1513077.08	4955.34	ТВОС
L	84	1489979.06	1513077.17	4955.40	ТВОС
L	85	1489947.13	1513077.17	4954.70	ZC
L	86	1489945.66	1513074.90	4954.75	ZC
-					
<u> </u>	87	1489948.83	1513096.62	4955.25	TBOC
-	88	1489961.08	1513101.72	4955.25	TBOC
-	89	1489961.98	1513106.28	4955.30	TBOC
	90	1489960.18	1513111.26	4955.41	TBOC
	92	1490038.05	1513086.51	4954.49	FL 
-	93	1490031.60	1513091.74	4954.36	FL 
	94	1490053.14	1513074.26	4954.79	FL
	95	1490068.17	1513075.60	4955.20	FL
	96	1490058.22	1513085.25	4955.49	ZC
L	97	1490057.95	1513088.24	4955.55	EOC
	98	1490054.09	1513087.89	4955.44	ТВОС
-	99	1490056.56	1513103.73	4955.55	EOC
3	100	1490051.58	1513103.28	4955.47	EOC
-	101	1490051.13	1513108.26	4955.47	EOC
-	102	1490056.11	1513108.71	4955.55	EOC
	104	1490053.50	1513119.42	4954.36	EOC
	105	1490070.74	1513085.88	4955.49	ЕОР
	106	1489986.83	1513087.82	4954.13	FL
-	107	1490058.29	1512998.29	4956.19	SW
	108	1490048.52	1512997.28	4956.32	sw
	109	1490043.12	1513118.48	4955.19	ТВОС
	110	1489980.10	1513062.21		RP (15-FT)
	111	1489957.75	1513104.75		RP (4.5-FT)
	112	1490004.03	1513089.36		RP (15-FT)
1	113	1490028.69	1513061.90	4955.25	RP (14.5-FT)

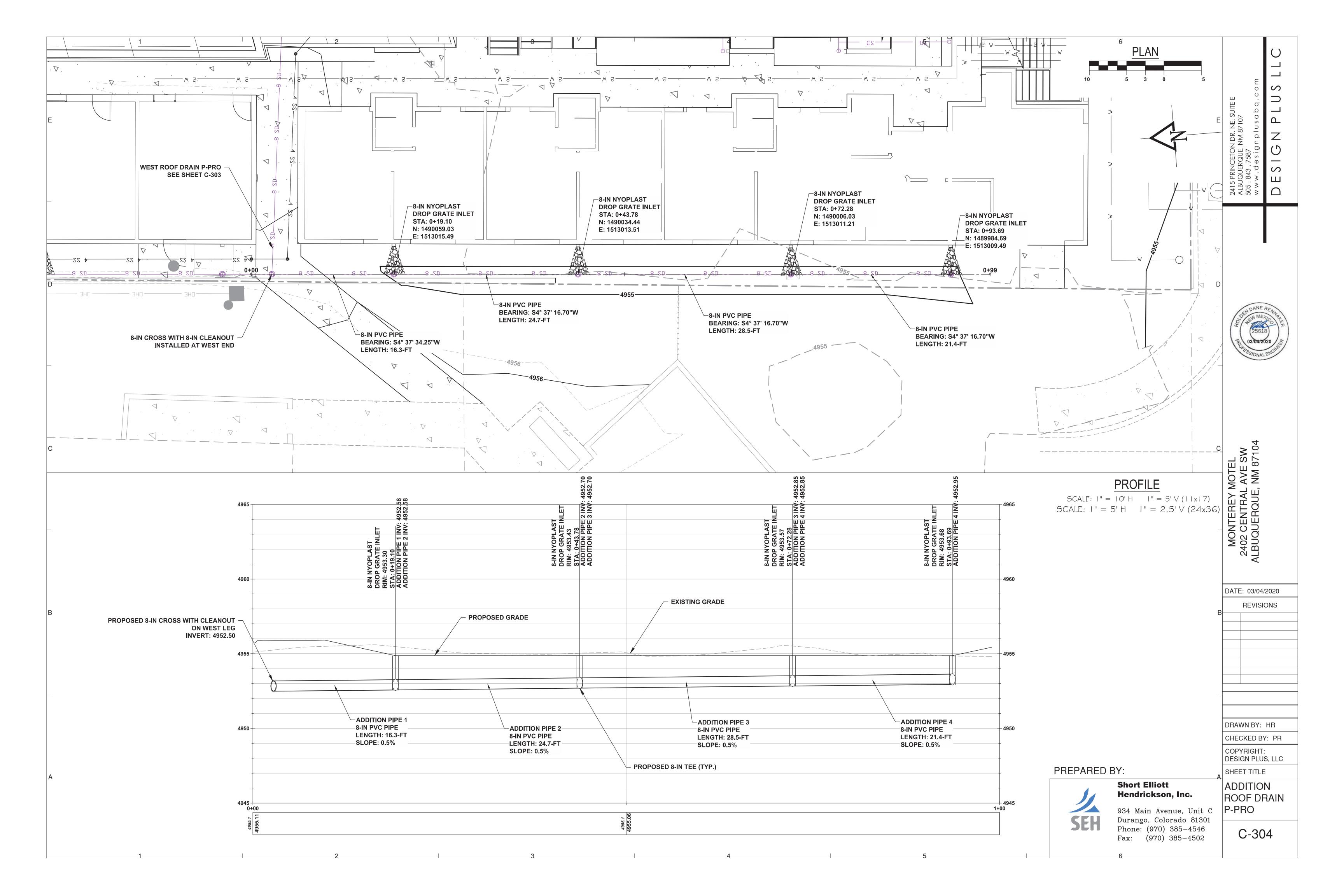
		Point Table		
Point #	Northing	Easting	Elevation	Descriptio
114	1490046.47	1513060.35		RP (4.5-FT
115	1490057.86	1513089.24		RP (4.0-FT
116	1489950.11	1513075.17	4955.26	ТВОС
144	1489945.96	1513105.20	4954.94	EOC
145	1489957.05	1513109.79	4954.95	EOC
157	1490047.16	1513058.06	4955.55	sw
158	1490046.83	1513062.04	4955.49	sw
159	1490042.97	1513057.70	4955.55	sw
160	1490042.63	1513061.69	4955.55	sw
161	1490031.54	1513056.75	4955.29	sw
162	1490031.21	1513060.74	4955.29	sw
163	1490044.15	1513043.75	4955.76	sw
164	1490029.57	1513042.82	4955.76	SW
165	1490011.99	1513039.73	4955.78	SW
166	1490029.70	1513041.19	4955.78	sw
167	1490006.02	1513039.23	4955.78	sw
168	1490005.88	1513040.86	4955.76	sw
169	1490011.86	1513041.35	4955.76	sw
170	1489987.10	1513037.66	4955.81	sw
171	1489983.69	1513037.38	4955.81	sw
172	1489986.75	1513041.85	4955.24	sw
173	1489983.35	1513041.56	4955.19	sw
174	1489982.30	1513037.26	4955.81	sw
175	1489980.80	1513047.04	4955.82	sw
176	1489979.09	1513067.62	4955.82	sw
177	1489975.62	1513006.87	4955.78	sw
178	1489969.68	1513006.34	4955.78	sw
179	1490069.52	1513044.92	4956.27	sw
180	1489972.14	1513076.69	4955.50	ТВОС
181	1489972.87	1513067.50	4955.87	sw
183	1489982.10	1513047.31	4955.16	DECK
184	1489990.20	1513042.13	4955.19	DECK
185	1489995.86	1513042.35	4955.19	DECK
186	1490005.86	1513043.18	4955.19	DECK
187	1490011.50	1513043.55	4955.19	DECK
188	1490032.49	1513045.29	4955.29	DECK
189	1490030.31	1513071.56	4955.29	DECK
190	1490025.13	1513075.94	4955.16	DECK
191	1489980.04	1513072.21	4955.16	DECK

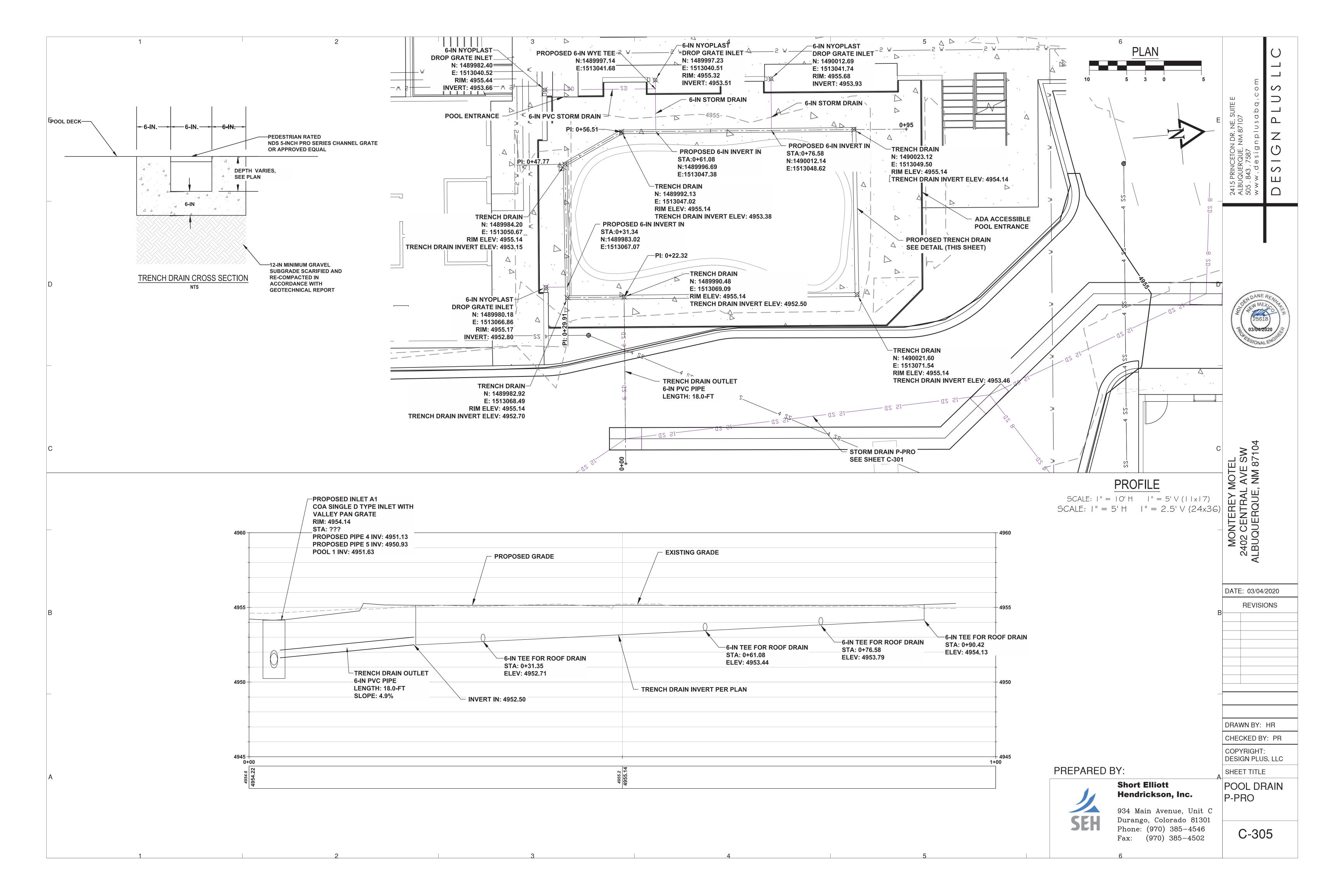














City of Albuquerque Treasury

J-24 Deposit

3/4/2020 Offices ANNEX Cashier: TRSRMS

Batcha 11148 Fund: 305 TREASURY DIVISION DAILY DEPOSITURE: 461615

Dates

PROJECT ID

Station ID

Trans# Activity ID7547210 Project ID24\_ms4

Bus.Unit: ocdmd

**AMOUNT** 

Alloc Amt: \$4,000,00 Trans Amt: \$4,000,00 Check Tendered :

**ACTIVITY** 

ID

\$4,000,00

### Transmittals for: PROJECTS Only

## Payment In-Lieu for Storm Water Quality Volume Requirement

**BUSINESS** 

UNIT

**FUND** 

NUMBER

ACCOUNT

NUMBER

**AMOUNT** 

with the Hydrology submittal to PLNDRS@cabq.gov.

CASH COUNT

TOTAL CHECKS	\$ 4000.00	461615	305	PCDMD	24_MS4	7547210	\$ 4000.00
FOTAL AMOUNT						TOTAL DEPOSIT	\$4000.00
Hydrology#: _J1	ayment In-Lieu		ater Quality	_ Name: <u>M</u>	onterey Motel,	23087 sf imp.	
V ddress/Legal De	olume Require scription: 240 <u>LO</u>	02 Central Ave	enue SW CTION PARK	( AND CITY E	LECTRIC ADE	DITION	
DEPARTMENT I	NAME: Plant	ning Departme	ent/Developm	ent Review Se	ervices, Hydrol	ogy	
REPARED BY	Dana Peters	son		PHONE 92	4-3695		
SUSINESS DAT	E 2/20/20						
DUAL VERIFICA	TION OF DEP		DYEE SIGNAT	URE			
AND BY EMP	LOYEE SIGNAT	URE			-		
					_·		
AMOUNT: BANK:					<b>-</b>		
· · · · · · ·		ON CHECK:			-		