



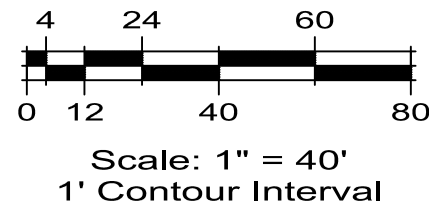
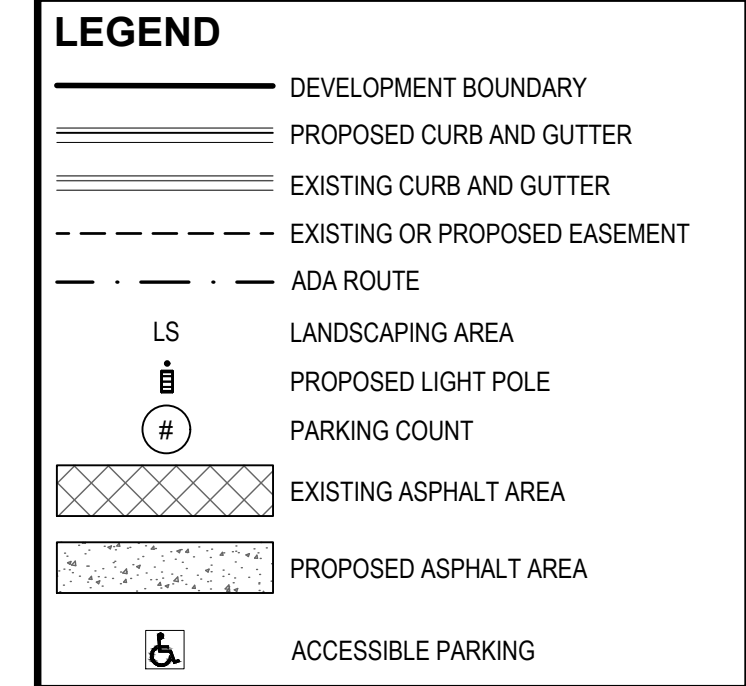


# T-MOBILE PHII SWITCH EXPANSION

## SITE PLAN AMENDMENT

### LOT 1, BLOCK 2, TOWER CENTER FOR INDUSTRY SUBDIVISION FILING NO. 2

SITUATED IN THE NE 1/4 OF SECTION 33, T.3S., R.66W. OF THE 6TH P.M.  
CITY OF AURORA, COUNTY OF ADAMS, STATE OF COLORADO



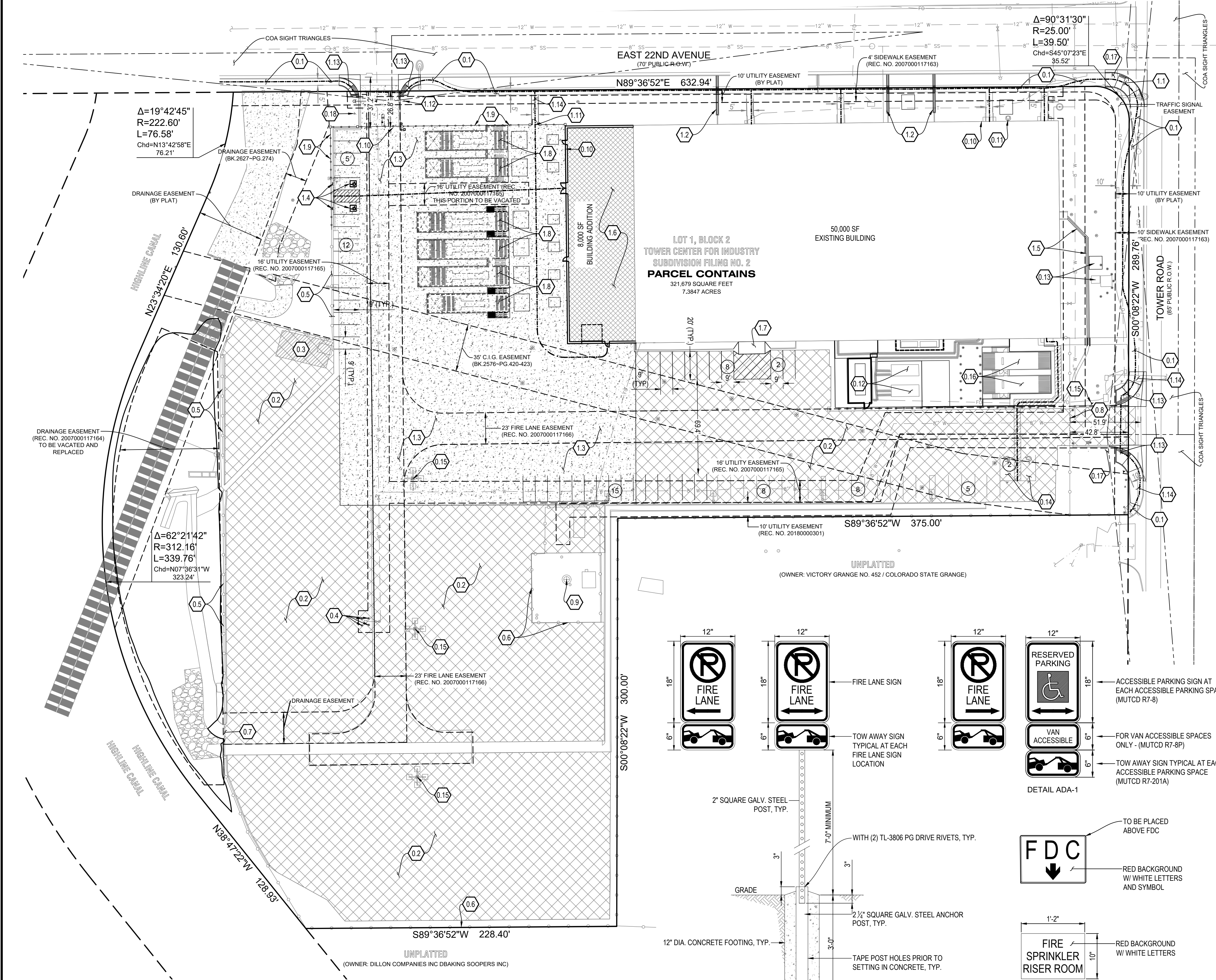
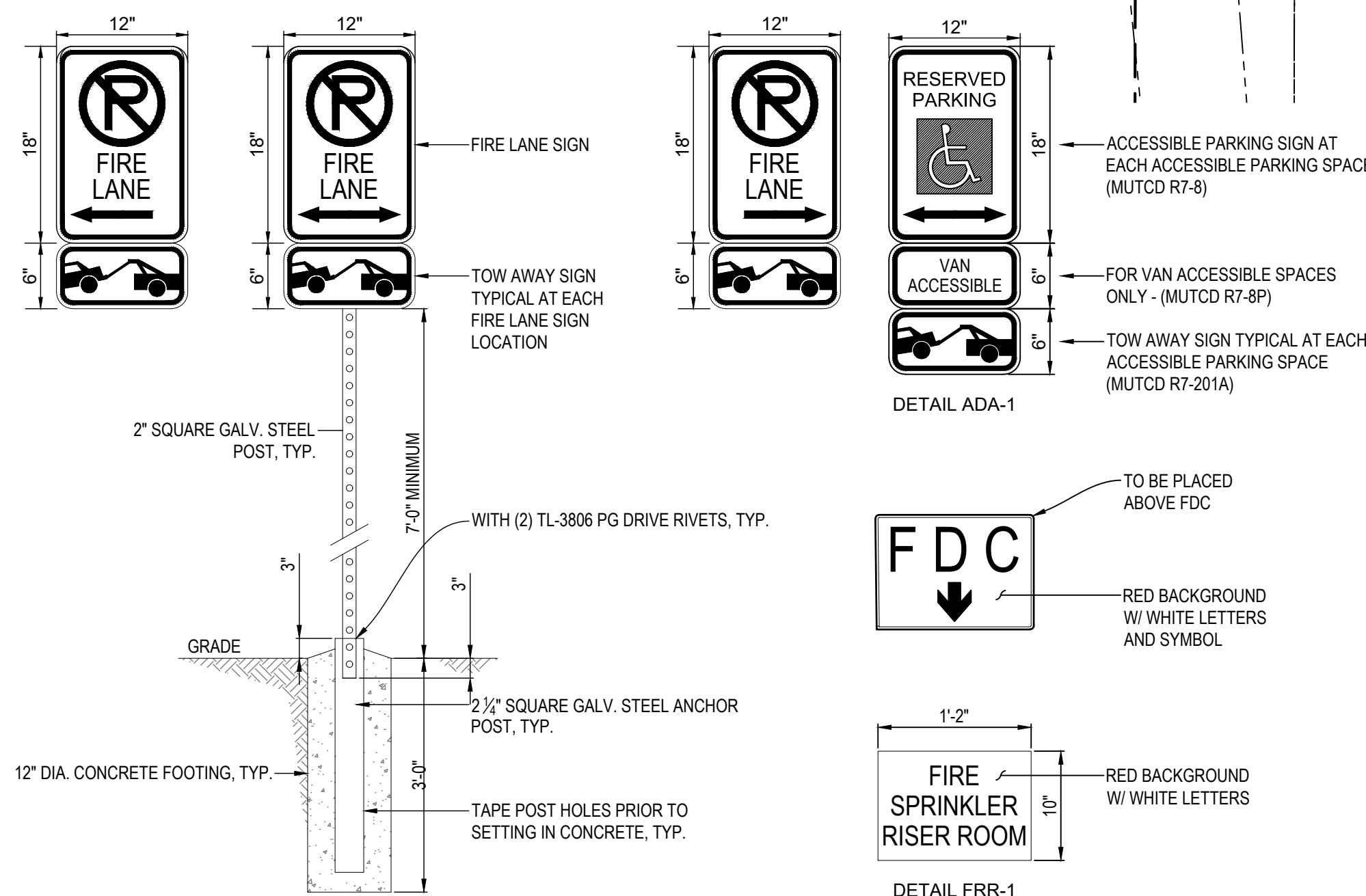
#### SITE PLAN KEYNOTE LEGEND:

- EXISTING ITEMS (E)**
- 0.1 SIDEWALK
  - 0.2 ASPHALT PAVEMENT
  - 0.3 TRASH ENCLOSURE WITH CONCRETE PAD
  - 0.4 BOLLARDS
  - 0.5 8' TALL WOODEN FENCE
  - 0.6 CHAIN LINK FENCE
  - 0.7 POND ACCESS GATE
  - 0.8 8' HIGH X 24' WIDE SLIDING GATE, OPTICOM CONTROLLED W/ KNOCK OPENING DEVICE
  - 0.9 MONOPOLE ANTENNA
  - 0.10 KNOX BOX HARDWARE AT ENTRY
  - 0.11 FIRE DEPARTMENT CONNECTION
  - 0.12 WATER CHILLER
  - 0.13 TRANSFORMER
  - 0.14 ACCESSIBLE PARKING SIGNS AND PAINTED SYMBOLS
  - 0.15 EXISTING SITE LIGHTING
  - 0.16 EXISTING GENERATORS
  - 0.17 STOP SIGN TO REMAIN
  - 0.18 "NO PARKING - FIRE LANE" SIGNS
- CONSTRUCTION ITEMS**
- 1.1 RAMP AND CROSS-PAN PER AURORA DETAILS S4.1 AND S9.9
  - 1.2 SIDEWALK CHASE PER AURORA DETAILS S3.1, S3.2, AND S3.3
  - 1.3 ASPHALT PAVEMENT
  - 1.4 ACCESSIBLE PARKING SIGNS FIXED TO FENCE AND PAINT ACCESSIBLE SYMBOLS ON PAVEMENT
  - 1.5 2' VALLEY PAN IN LANDSCAPE AREA
  - 1.6 REMOVE EXISTING IMPROVEMENTS IN AREA OF BUILDING ADDITION
  - 1.7 ACCESS RAMP TO BUILDING
  - 1.8 DIESEL GENERATOR WITH 10,000 GALLON STORAGE EACH AND ELECTRICAL INFRASTRUCTURE
  - 1.9 8' TALL FENCE WITH 18" MASONRY COLUMNS AT CORNERS, ENDS, ETC. AS SHOWN.
  - 1.10 8' HIGH X 24' WIDE SLIDING GATE, OPTICOM CONTROLLED W/ KNOX OPENING DEVICE
  - 1.11 PEDESTRIAN GATE
  - 1.12 STOP SIGN
  - 1.13 SIDEWALK RAMP PER AURORA DETAIL S9.9
  - 1.14 SIDEWALK PER AURORA DETAIL S7.3
  - 1.15 "NO PARKING - FIRE LANE" SIGNS PER DETAIL, THIS SHEET.

- "NO PARKING - FIRE LANE" SIGN NOTES:**
- SIGNS SHALL BE LOCATED AT THE RIGHT SIDE OF THE FIRE LANE ENTRANCE AND AT THE END OF THE FIRE LANE. THE INTERMEDIATE SIGNS SHALL HAVE DOUBLE HEADED ARROWS POINTING IN BOTH DIRECTIONS.
  - TYPICALLY, THE MAXIMUM SPACING OF THE FIRE LANE SIGNS IS ESTABLISHED AT 100' ON CENTER WITH SIGNS BEING PLACED ON BOTH SIDES OF THE FIRE LANE EASEMENT (50' ON CENTER, ALTERNATING SIDES). WHERE EXCESSIVE CURVATURE OF THE FIRE LANE EXISTS, THE SPACING OF THE FIRE LANE SIGNAGE WILL BE INCREASED AS NEEDED.
  - THE SIGNS SHALL BE SET AT AN ANGLE OF NOT LESS THAN 30 DEGREES AND NOT MORE THAN 45 DEGREES WITH THE CURB OR LINE OF TRAFFIC FLOW.
  - FIRE LANE SIGNS SHOULD BE INSTALLED 2' BEHIND CURB OR SIDEWALK.
  - THE CLEARANCE TO THE BOTTOM OF THE SIGN SHALL BE 7 FEET. THERE SHALL NOT BE OTHER SIGNS ATTACHED TO THE SIGN OR THE SIGN POST.
  - PLACEMENT OF THESE FIRE LANE SIGNS CANNOT ENCROACH INTO THE 29' INSIDE TURNING RADIUS OF THE FIRE LANE EASEMENT, OBSTRUCT ANY FIRE HYDRANT OR FIRE DEPARTMENT CONNECTION, OR ENCROACH INTO THE ACCESSIBLE ROUTE OF THE SIDEWALK AREA.

#### ON-SITE TRAFFIC SIGNAGE

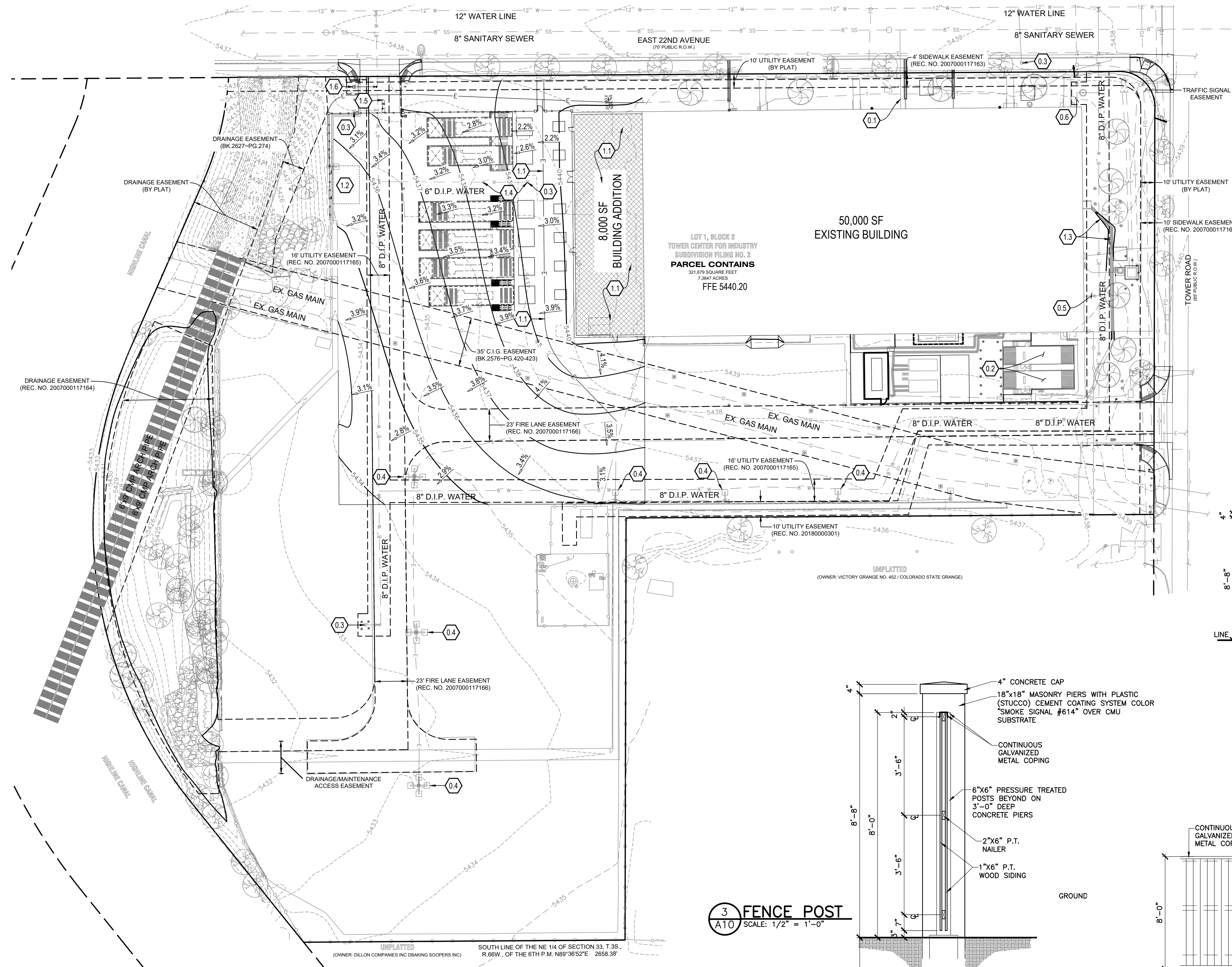
NOT TO SCALE



**BENCHMARK:**  
CITY OF AURORA BM 358633SE002 - CHISELED SQUARE AT THE SOUTHWEST CORNER OF INLET AT THE SOUTHWEST CORNER OF TOWER ROAD AND SOUTH ACCESS ROAD TO ASSOCIATED GROCERS EMPLOYEE PARKING ENTRANCE..  
ELEVATION: 5432.981 FEET (NAVD 1988 DATUM).




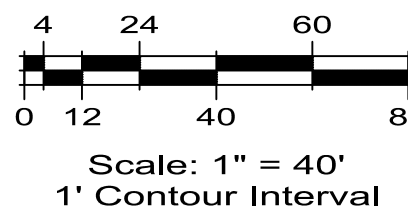
SITUATED IN THE NE 1/4 OF SECTION 33, T.3S., R.66W. OF THE 6TH P.M.  
CITY OF AURORA, COUNTY OF ADAMS, STATE OF COLORADO



**BENCHMARK:**  
CITY OF AURORA BM 336633SE002 - CHISELED SQUARE AT THE SOUTHWEST CORNER OF INLET AT THE SOUTHWEST CORNER OF TOWER ROAD AND SOUTH ACCESS ROAD TO ASSOCIATED GROCERS EMPLOYEE PARKING ENTRANCE..  
ELEVATION: 5432.981 FEET (NAVD 1988 DATUM).

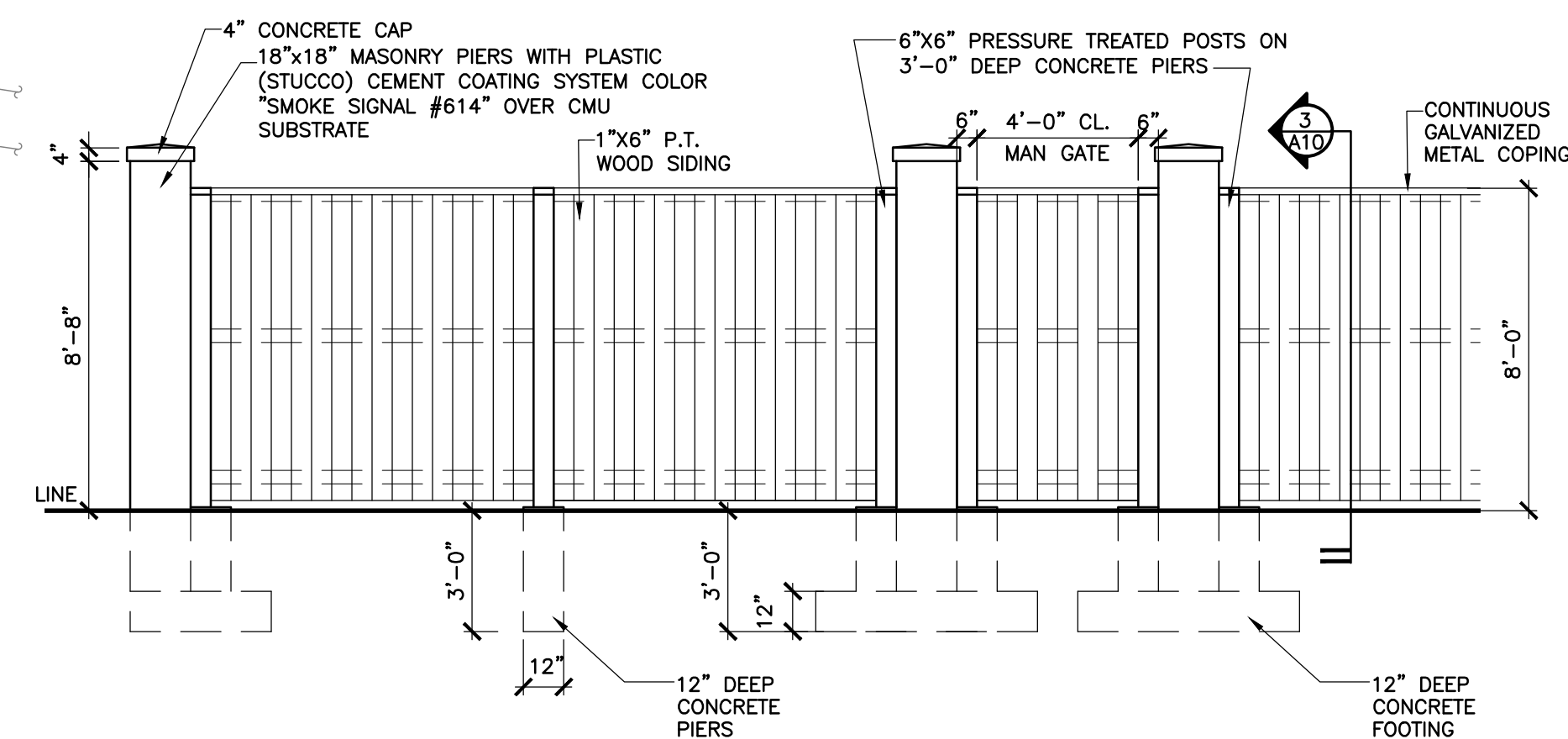
## LEGEND

	DEVELOPMENT BOUNDARY
	PROPOSED CURB AND GUTTER
	EXISTING CURB AND GUTTER
	EXISTING OR PROPOSED EASEMENT

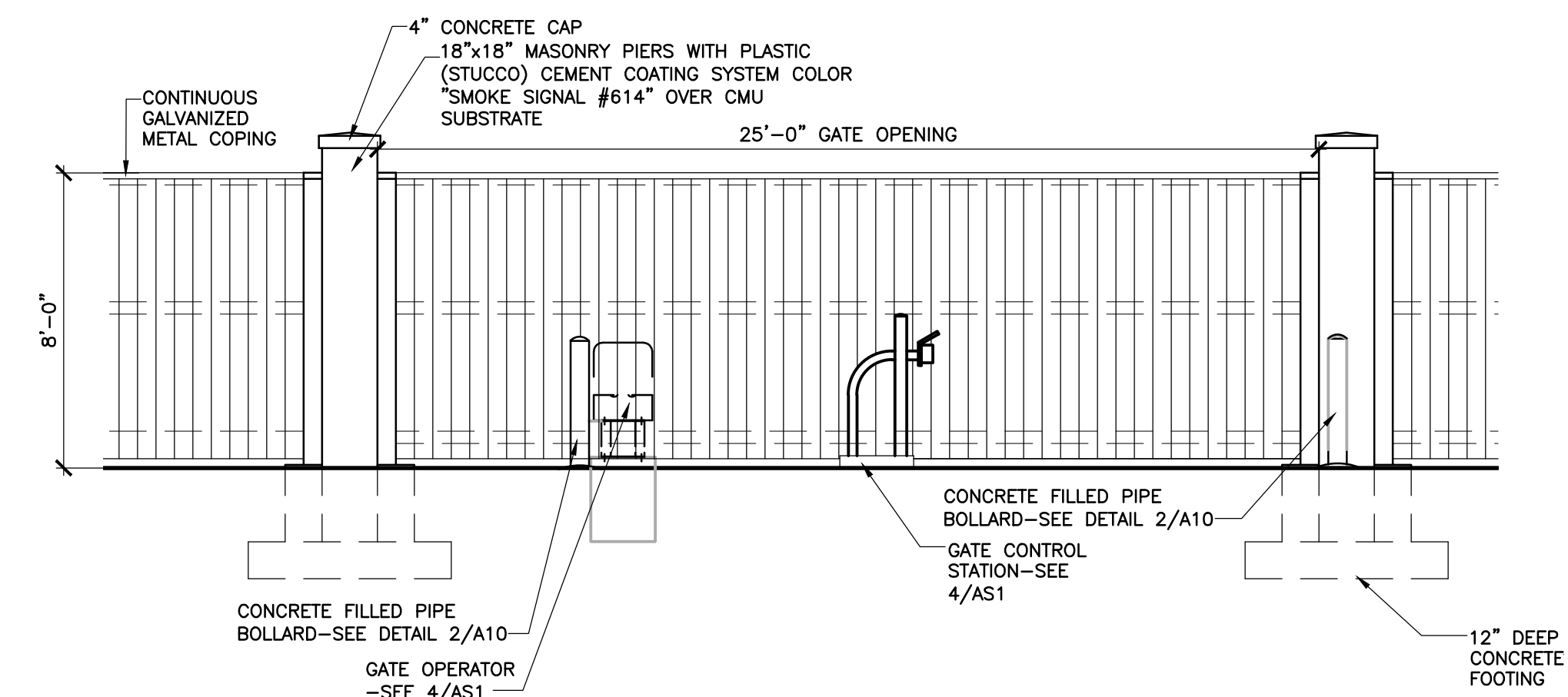


**GRADING AND UTILITY PLAN KEYNOTE LEGEND:**

- |                           |  |
|---------------------------|--|
| 0.1                       | SANITARY SEWER SERVICE   |
| 0.2                       | GENERATORS   |
| 0.3                       | FIRE HYDRANT ASSEMBLY TO BE RELOCATED  |
| 0.4                       | SITE LIGHTING  |
| 0.5                       | FIRE SERVICE LINE (PRIVATE)  |
| 0.6                       | WATER SERVICE LINE (PRIVATE)   |
| <u>CONSTRUCTION ITEMS</u> |  |
| 1.1                       | REMOVE AND REPLACE EXISTING SITE ELECTRICAL LINES IN AREA OF BUILDING ADDITION |
| 1.2                       | ACCESSIBLE PARKING AREA (NO GRADES GREATER THAN 2% IN ANY DIRECTION)           |
| 1.3                       | 2' VALLEY PAN IN LANDSCAPE AREA  |
| 1.4                       | REMOVE EXISTING FIRE HYDRANT ASSEMBLY AND LATERAL PER AURORA STANDARDS         |
| 1.5                       | ENTRY ISLAND WITH OPTI-COM GATE CONTROL BOX                                    |
| 1.6                       | RELOCATE FIRE HYDRANT ASSEMBLY AND FIRE LINE AS SHOWN                          |



4 WOOD FENCE ELEVATION-TYP  
A10 SCALE: 1/4" = 1'-0"



5 CANTILEVER SLIDING GATE-TYP  
A10 SCALE: 1/4" = 1'-0"

**SWSG CONSTRUCTION MANAGEMENT**  
555 HEMDON PARKWAY SUITE 260  
HEMDON, VIRGINIA 20170  
ATTN: MARK KING

No.:	Description:	Date:
	INITIAL SUBMITTAL	2020-09-25

4190 East Evans Avenue  
Aurora, Colorado 80014  
engineering@serviceco.com  
P 303.337.1393  
F 303.337.7481

**EST**  
**ENGINEERING**  
**SERVICE**  
**COMPANY**

*Creative Solutions Since 1954*  
CIVIL ENGINEERS | LAND SURVEYORS

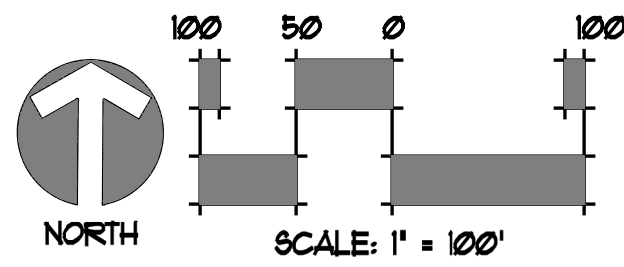
## GRADING AND UTILITY PLAN

**T-MOBILE PHII SWITCH EXPANSION - SITE PLAN AMENDMENT**  
LOT 1, BLOCK 2 TOWER CENTER FOR INDUSTRY SUBDIVISION FILING NO. 2  
SITUATED IN THE NE 1/4 OF SECTION 33, T.3S., R.68W. OF THE 6TH P.M.  
CITY OF AURORA, COUNTY OF ADAMS, STATE OF COLORADO

ESC Team:	Date:
CMA, JWB	2020-09-25
Engineering No.:	Scale: H: 1:20 V: N.A.
E-020-13	
Sheet No.:	
3 OF 9	

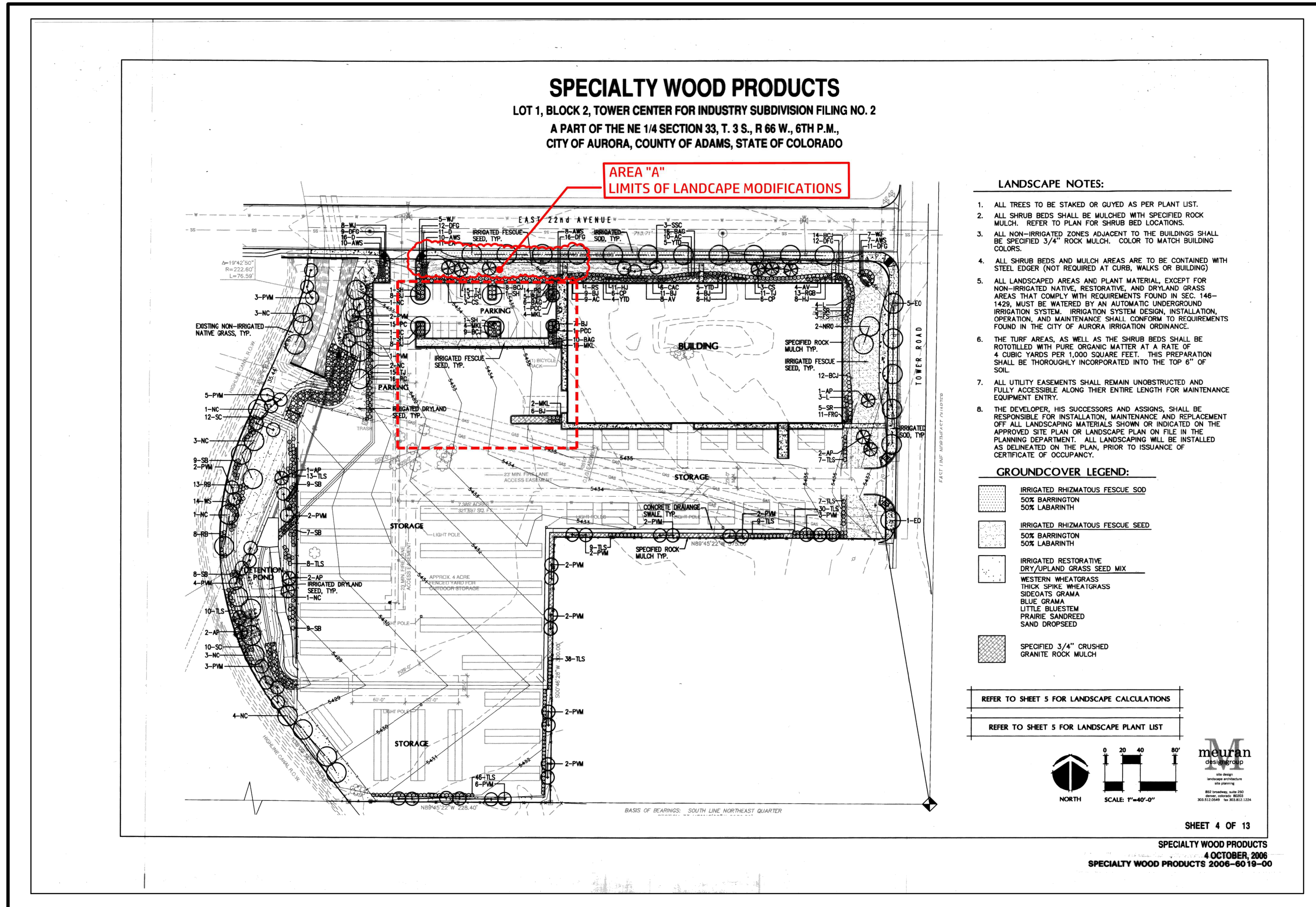


SPECIALTY WOOD PRODUCTS  
APPROVED SP 2006-6019-00  
LANDSCAPE PLAN  
EXISTING CONDITIONS  
(SEE MODIFICATION ON SHEET 5 OF 8)

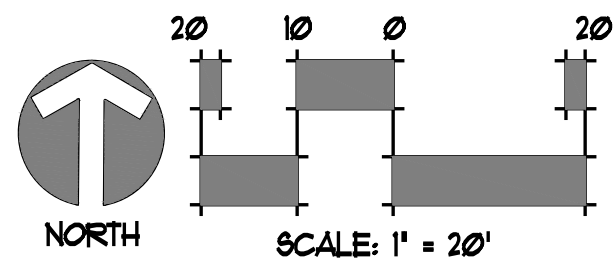


**T-MOBILE PHII SWITCH EXPANSION**  
SITE PLAN AMENDMENT  
LOT 1, BLOCK 2, TOWER CENTER FOR INDUSTRY SUBDIVISION FILING NO. 2  
SITUATED IN THE NE 1/4 OF SECTION 33, T.3S., R.66W. OF THE 6TH P.M.  
COUNTY OF ADAMS, STATE OF COLORADO

NOT FOR CONSTRUCTION



**TREE MITIGATION & LANDSCAPE AREAS OF MODIFICATIONS**  
(SEE SHEET 5 OF 8)



TREE REMOVAL IDENTIFICATION

TREE #	SPECIES	DIA.	MITIGATION INCHES PER CITY OF AURORA	MITIGATION VALUE
#1	SHADEMASTER H.L.	11"	4	\$ 760.41
#2	SHADEMASTER H.L.	10"	4	\$ 631.76
#3	SHADEMASTER H.L.	10"	4	\$ 631.76
#4	SHADEMASTER H.L.	12"	5	\$ 901.31
#5	CHANTICLEER PEAR	8"	3	\$ 354.63
#6	CHANTICLEER PEAR	8"	3	\$ 354.63
TOTAL		59	23	\$ 3,634.51

TREE MITIGATION TABLE

CALIPER INCHES TO BE MITIGATED (MITIGATION INCHES)	CALIPER INCHES REPLANTED	CALIPER INCHES REPLACED FOR MITIGATION AND/OR AMOUNT PAID TO "TREE PLANTING FUND"
23	0	PAYMENT OF \$ 3,634.51 WILL BE MADE TO AURORA'S COMMUNITY TREE FUND

NOTES

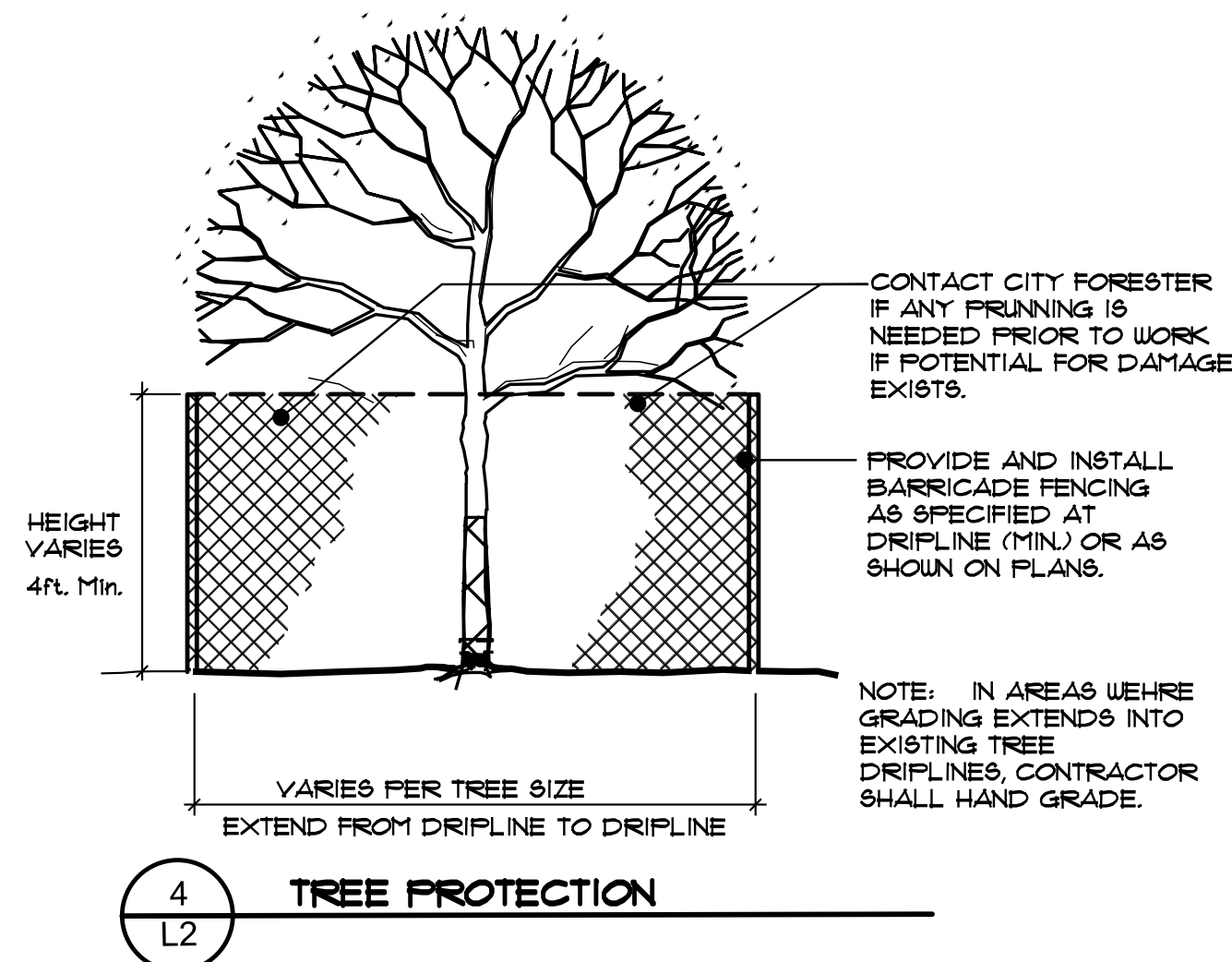
- FOR IDENTIFICATION, THE LABELING OF TREES TO BE MITIGATED ARE SHOWN IN RED. CITY TO ANALYZE AND ASSIGN VALUE TO EACH TREE.
- TREE PROTECTION FENCING TO BE PLACED AROUND EXISTING TREES, AS SHOWN ON SHEET 5 OF 8.

TREE PROTECTION

TREE #	SPECIES	SIZE	LOCATION
A	BLUE SPRUCE	8FT.	NORTH BOUNDARY
B	RED MAPLE	2"	STREET TREE (ROW)
C	AUSTRIAN PINE	6FT.	NORTH BOUNDARY
D	RED MAPLE	2"	STREET TREE (ROW)
E	RED MAPLE	2"	STREET TREE (ROW)
F	RED MAPLE	2"	STREET TREE (ROW)

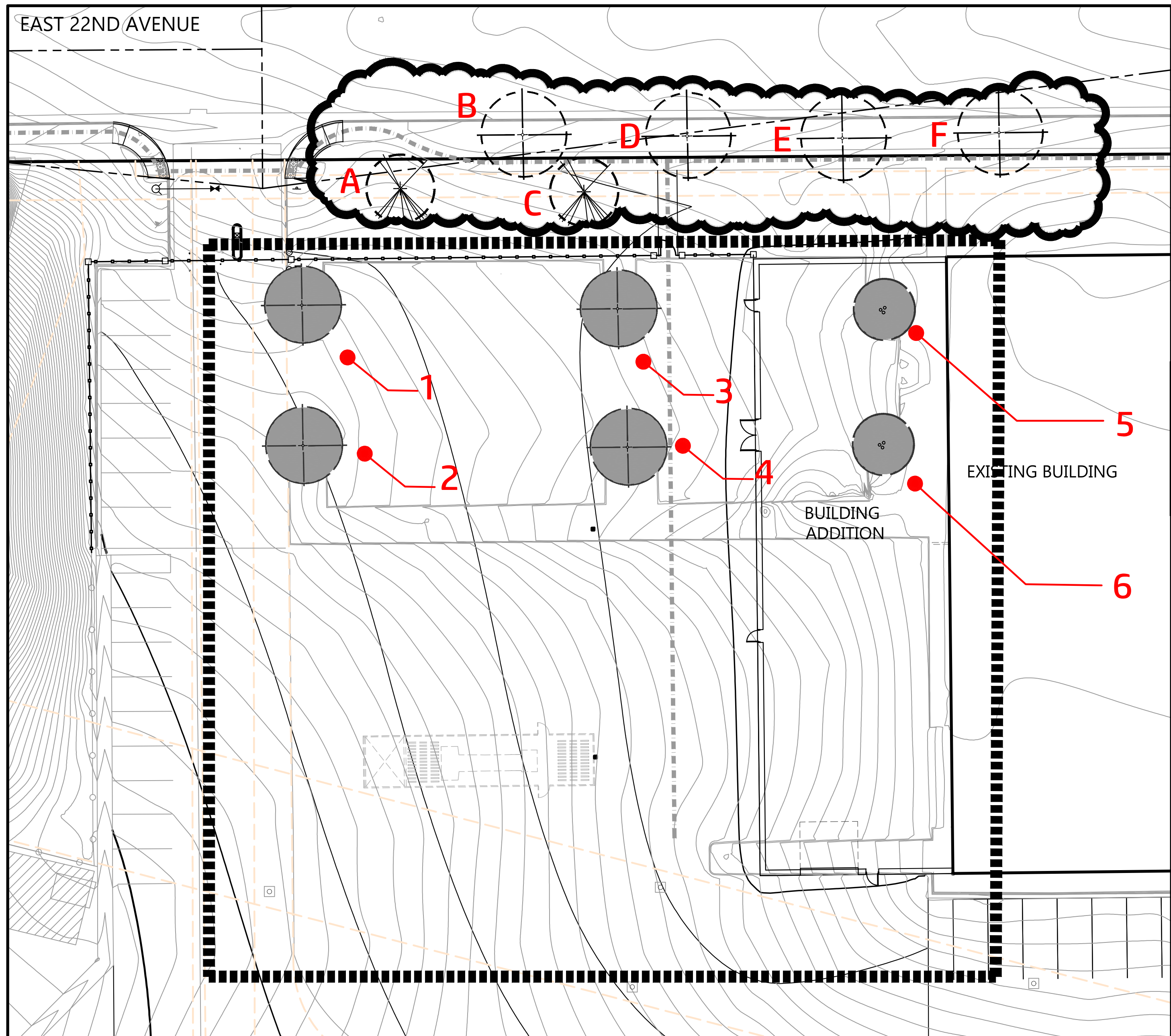
NOTES

- AT A MINIMUM, PROVIDE TREE PROTECTION AS SHOWN ON NOTES AND DETAILS FOR TREE PROTECTION, ON SHEET 4 OF 8.



TREE PROTECTION NOTES

- PRIOR TO THE BEGINNING OF CONSTRUCTION, INSTALL BARRICADE FENCING AROUND ALL EXISTING TREES TO REMAIN. LOCATE FENCING AT OR OUTSIDE THE DRIP LINE OF THE TREES. BARRICADE FENCING SHALL BE 4' HEIGHT, ORANGE MESH ATTACHED TO 1" POSTS.
- FENCING SHALL BE MAINTAINED DAILY. TRESPASS BEYOND ESTABLISHED CONSTRUCTION LIMITS SHALL RESULT IN A FINE OF \$100. IF NOT PAID WITHIN 30 DAYS, THE FINE SHALL BE DEDUCTED FROM MONIES DUE TO CONTRACTOR. CONTRACTORS SHALL BE RESPONSIBLE FOR ALL OF THEIR WORKERS, SUBCONTRACTORS AND SUPPLIERS UNDER THIS REQUIREMENT. NO VEHICLE PARKING IS ALLOWED BEYOND CONSTRUCTION LIMITS.
- CONSTRUCTION WITHIN THE ROOT ZONE OF TREES TO REMAIN SHALL BE RESTRICTED TO AGREED-UPON LIMITS WITH REGARD TO EXCAVATION, ACCESS, DIRT STOCKPILING, AND BACKFILL. VIOLATION OF SET LIMITS SHALL RESULT IN A FINE OF \$100 PER INCIDENT AND MAY BE INCREASED BASED ON THE PERCENTAGE OF ROOT ZONE AFFECTED. IF MORE THAN 30% OF THE ROOT ZONE IS DAMAGED, THE FINE SHALL BE THE FULL VALUE OF THE TREE.
- DAMAGE TO THE MAIN TRUNKS OF TREES IS PROHIBITED. DAMAGE NOT PREVIOUSLY APPROVED SHALL RESULT IN A FINE BASED ON THE PERCENTAGE OF THE CIRCUMFERENCE AFFECTED. DAMAGE GREATER THAN 30% OF THE CIRCUMFERENCE OR AFFECTING THE STRUCTURAL INTEGRITY OF THE TREE WILL RESULT IN A FINE EQUAL TO THE FULL APPRAISED VALUE OF THE TREE.
- LIMB DAMAGE IS PROHIBITED, UNLESS APPROVED PRIOR TO CONSTRUCTION OR AS AUTHORIZED BY THE CITY OF AURORA FORESTRY DIVISION. PRUNING OF AFFECTED BRANCHES SHALL BE DONE PRIOR TO THE START OF CONSTRUCTION. DAMAGED BRANCHES SHALL BE PRUNED WITHIN 10 DAYS OF THE OCCURRENCE UTILIZING INTERNATIONAL SOCIETY OF ARBORICULTURE STANDARDS. UNAUTHORIZED BRANCH DAMAGE OR LOSS CAN RESULT IN A FINE OF \$100 PER BRANCH AS MAY BE DETERMINED BY THE CONSTRUCTION MANAGER OR HIS FORESTRY CONSULTANT.
- CONCRETE TRUCK WASHOUT AREAS SHALL BE IN DESIGNATED AREAS ONLY. WASHOUT RUNOFF SHALL NOT FLOW INTO OR ACROSS ROOT ZONES OF TREES.
- TREE PROTECTION MEASURES SHALL BE IN PLACE PRIOR TO CONSTRUCTION AND INSPECTED BY THE CITY OF AURORA FORESTRY DIVISION.



SWSG CONSTRUCTION MANAGEMENT  
555 HEMLOCK PARKWAY SUITE 280  
HEMDON, VIRGINIA 20170  
ATTN: MARK KING

Date: 2020-09-25  
2020-11-30  
2021-01-22

No.: Description: INITIAL SUBMITTAL  
1 RESPONSE TO CITY COMMENTS SUBMIT  
2 RESPONSE TO CITY COMMENTS SUBMIT

ENGINEERING SERVICE COMPANY  
14190 East Evans Avenue  
Aurora, Colorado 80014  
Creative Solutions Since 1954  
P 303.337.1335  
F 303.337.7481



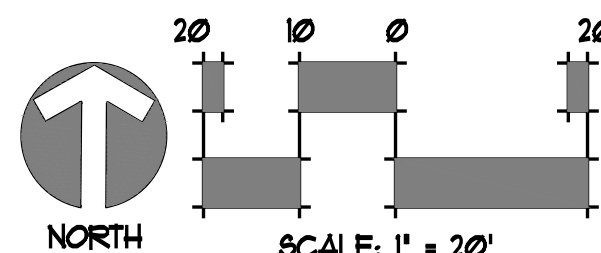
TREE MITIGATION PLAN  
T-MOBILE PHII SWITCH EXPANSION - SITE PLAN AMENDMENT  
LOT 1, BLOCK 2, TOWER CENTER FOR INDUSTRY SUBDIVISION FILING NO. 2  
SITUATED IN THE NE 1/4 OF SECTION 33, T.3S., R.66W. OF THE 6TH P.M.  
COUNTY OF ADAMS, STATE OF COLORADO

Date: 2020-09-25  
Scale: 00-573  
Sheet No: 4 OF 9



**SITE PLAN AMENDMENT**  
**LOT 1, BLOCK 2, TOWER CENTER FOR INDUSTRY SUBDIVISION FILING NO. 2**

**NOT FOR CONSTRUCTION**



KEY	QTY.	BOTANIC NAME	COMMON NAME	SIZE
<b>DECIDUOUS &amp; ORNAMENTAL TREES</b>				
SH	4	GLEDTISIA TRIANGANTHOS 'SHADEMASTER	SHADEMASTER HONEYLOCUST	2 1/2' CAL.
FCC	2	CRATAEGUS MORDENENSIS 'TOBA'	CHANTICLEER FEAR	2' CAL.
<b>DECIDUOUS &amp; EVERGREEN SHRUBS</b>				
MKL	20	SYRINGA FATULA 'MISS KIM'	MISS KIM LILAC	5 GAL.
BAG	16	HELICTOTRICHON SEMPERVIRENS	MISS AVENA GRASS	5 GAL.
BJ	34	JUNIFERUS SABINA 'BUFFALO'	BUFFALO JUNIFER	5 GAL.
BCJ	17	JUNIFERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP JUNIFER	5 GAL.

KEY	QTY.	BOTANIC NAME	COMMON NAME	SIZE
<b>DECIDUOUS &amp; ORNAMENTAL TREES</b>				
SH	1	GLEDTISIA TRIANCANTHOS 'SHADEMASTER	SHADEMASTER HONEYLOCUST	2 1/2' CAL.
HAW	1	CRATAEGUS MORDENENSIS 'TOBA'	WASHINGTON HAUTHORNE TOBA	8ft. MULTI STEM
S&C	2	MALUS x SPRING SNOW	SPRING SNOW CRABAPPLE	2' CAL.
<b>DECIDUOUS &amp; ORNAMENTAL TREES</b>				
API-A	2	PINUS NIGRA	AUSTRIAN PINE	6FT. HEIGHT
<b>SHRUBS &amp; GRASSES</b>				
AUS	12	SPIREA BUMALDA 'ANTHONY WATERER'	ANTHONY WATERER SPIREA	5 GAL.
GFP	18	POTENTILLA FRUITICOSA 'GOLD FINGER'	GOLD FINGER POTENTILLA	5 GAL.
BCJ	4	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP JUNIFER	5 GAL.
KFG	9	CALAMAGROSTIS ACUTIFLORA	FEATHER REED KARL FORESTER	5 GAL.

1. LANDSCAPE DESIGN COMPLIES WITH THE CITY OF AURORA'S DESIGN STANDARDS AND REGULATIONS.
2. ALL EXISTING TREES AND SHRUBS TO REMAIN, UNLESS NOTED DIFFERENTLY ON THE PLANS.
3. COBBLE MULCH SHALL BE 4" WASHED RIVER ROCK, PLACED TIGHTLY AND EVENLY. USE 3/4" FEA GRASS AS INFILL BETWEEN LARGE STONES. ALL GRASS MULCHES SHALL HAVE GEOTEXTILE WEED BARRIER INSTALL PRIOR TO PLACEMENT. NO WEED BARRIER IS TO BE VISIBLE.
4. WHENEVER POSSIBLE, EXISTING TOPSOIL SHALL BE STRIPPED TO A MINIMUM DEPTH OF FOUR(4)" INCHES AND STOCKPILED FOR FUTURE USE. UPON COMPLETION OF SITEWORK, ADD PRIOR TO PLACEMENT OF COMPOST, THE TOPSOIL SHALL BE SPREAD OVER ALL AREAS BEING LANDSCAPED.
5. AREAS THAT ARE TO BE SODDED SHALL RECEIVE A MINIMUM OF 4 CUBIC YARDS OF 'BLACK TEA' COMPOST, AS DISTRIBUTED BY BOSS COMPOST, BRIGHTON, COLORADO OR APPROVED EQUAL. COMPOST TO BE APPLIED TO A MINIMUM DEPTH OF EIGHT(8)" INCHES.
6. LIGHTING WILL BE POLE MOUNTED LIGHTS LOCATED AT THE PERIMETER OF THE PARKING LOT. ALL SITE AND BUILDING LIGHTING TO BE METAL HALIDE.
7. ALL SIDEWALKS, ENTRYWAYS AND CURB/GUTTER SHALL BE CONCRETE. DRIVE LANES AND PARKING LOT SURFACING WILL BE ASPHALT.
8. ALL UTILITY EASEMENTS SHALL REMAIN UNOBSTRUCTED AND FULLY ACCESSIBLE ALONG THE ENTIRE LENGTH FOR MAINTENANCE EQUIPMENT ENTRY.
9. THE DEVELOPER, HIS SUCCESSOR OR ASSIGNS SHALL BE RESPONSIBLE FOR INSTALLATION, MAINTENANCE AND REPLACEMENT OF ALL LANDSCAPE MATERIALS SHOWN OR INDICATED ON THE APPROVED SITE PLAN OR LANDSCAPE PLAN. ALL PLANTING IN THE PLANNING DEPARTMENT LANDSCAPING WILL BE INSTALLED AS DELINEATED ON THE PLAN, PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY.
10. ALL LANDSCAPED AREAS AND PLANT MATERIAL, EXCEPT FOR NON-IRRIGATED NATIVE, RESTORATIVE, AND DRYLAND GRASS AREAS THAT COMPLY WITH THE REQUIREMENTS FOUND IN SEC. 146-1429 AND/OR IN SEC. 146-1435, MUST BE WATERED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM. IRRIGATION SYSTEM DESIGN, INSTALLATION, OPERATION AND MAINTENANCE SHALL BE CONFORMANT WITH THE REQUIREMENTS OF THE CITY OF AURORA IN CONFORMANCE
11. ALL PROPOSED LANDSCAPING WITHIN THE SIGHT TRIANGLES SHALL BE IN CONFORMANCE WITH COA ROADWAY SPECIFICATIONS, SECTION 4.042.10.

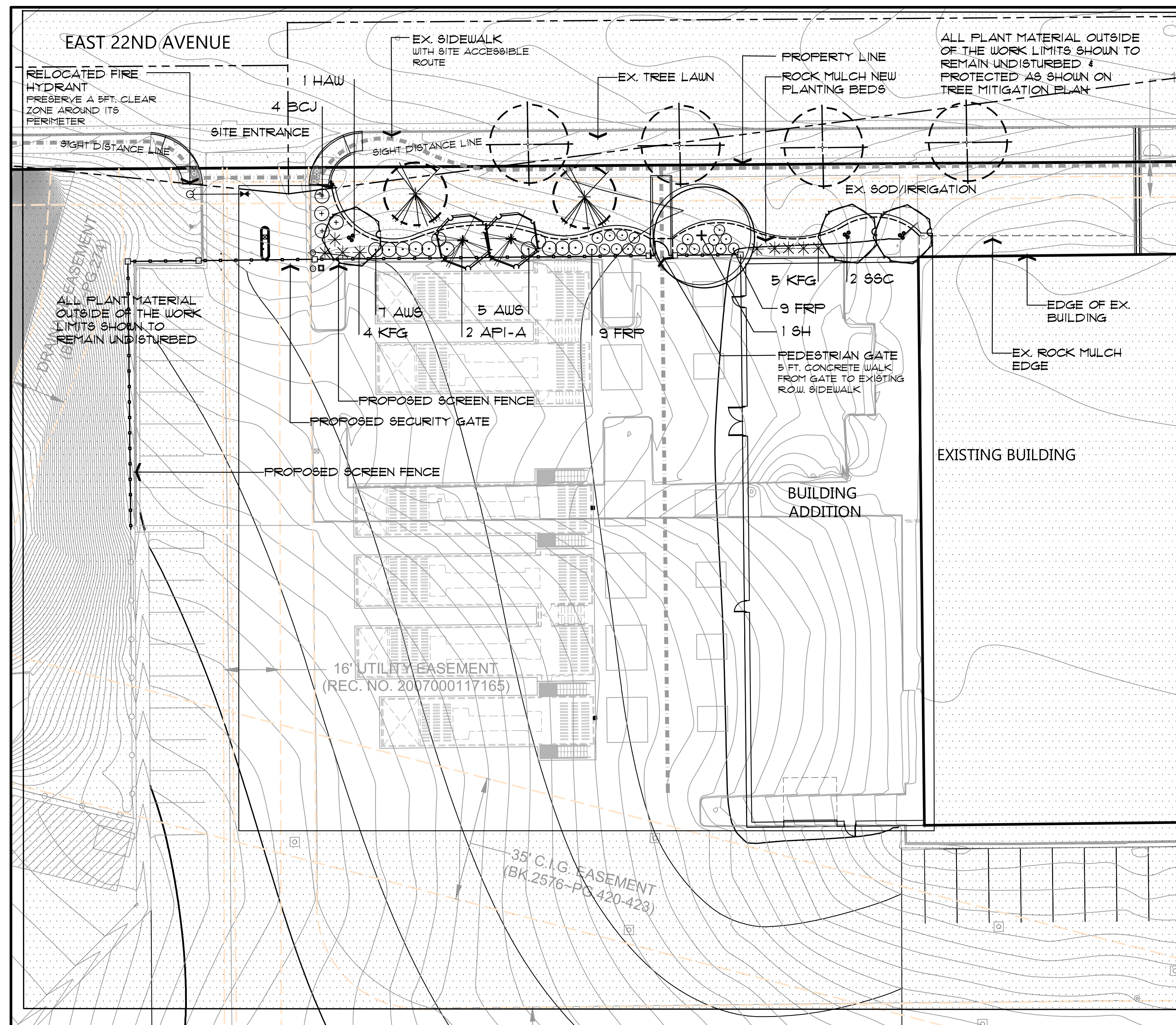
1. LANDSCAPE MATERIAL SHALL NOT BE PLACED OR KEPT NEAR FIRE HYDRANTS IN ANY MANNER THAT WOULD PREVENT SUCH EQUIPMENT FROM BEING IMMEDIATELY DISCERNIBLE. A 5-FOOT CLEAR SPACE SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF FIRE HYDRANTS AND NO MATERIAL GREATER THAN 2-FEET IN HEIGHT.

	LANDSCAPE DESCRIPTION	STANDARD STREET FRONTAGE REQUIREMENT	LANDSCAPE REQ.	# TREES REQUIRED	# SHRUBS REQUIRED	# TREES PROVIDED	# SHRUBS PROVIDED
A	NORTH STREET FRONTAGE EAST 22ND AVENUE	EXISTING LANDSCAPE TO REMAIN UNDISTURBED					

	BUFFER DESCRIPTION/ LENGTH/ADJ. LAND USE	STANDARD BUFFER WIDTH/ BUFFER WIDTH PROVIDED	BUFFER REDUCTION FEATURES	# TREES REQUIRED	# SHRUBS REQUIRED	# TREES PROVIDED	# SHRUBS PROVIDED
A	NORTH PERIMETER BUFFER USE: EAST 22ND AVENUE LENGTH: 172 LF.	STANDARD BUFFER: 10 FT. BUFFER PROVIDED: 10 FT. 1 TREE & 10 SHRUBS PER 40 LF.	STANDARD DESIGN	5	43	3	27 5GAL 13 1GAL.

OVERLAPPING LANDSCAPE STANDARDS. AREAS OF BUILDING PERIMETER, AND PARKING LOT SCREENING THAT FALL WITHIN THE BUFFERS MAY BE COUNTED TOWARD MEETING BUFFER LANDSCAPE REQUIREMENTS (SECTION 146-1422(A)(3)).

	ELEVATION (DIRECTION FACING)	BUILDING ELEVATION LENGTH	LANDSCAPE REQ.	# T.E'S REQUIRED	# TREES PROVIDED	# SHRUBS PROVIDED
A	NORTH— EAST 22ND AVENUE (NEW BUILDING ADDITION)	50 LF.	1 TE EQUIVALENT/40 LF OF BUILDING ELEVATION	1.25	--	10 5GAL.



**SWSG CONSTRUCTION MANAGEMENT**  
5555 HEMDON PARKWAY SUITE 260  
HEMDON, VIRGINIA 20170  
ATTN: MARK KING

No.:	Description:	Date:	Client:
	INITIAL SUBMITTAL	2020-09-25	
1	RESPONSE TO CITY COMMENTS SUB#1	2020-11-30	
2	RESPONSE TO CITY COMMENTS SUB#2	2021-01-22	

**ESC**  
ENGINEERING  
SERVICE COMPANY

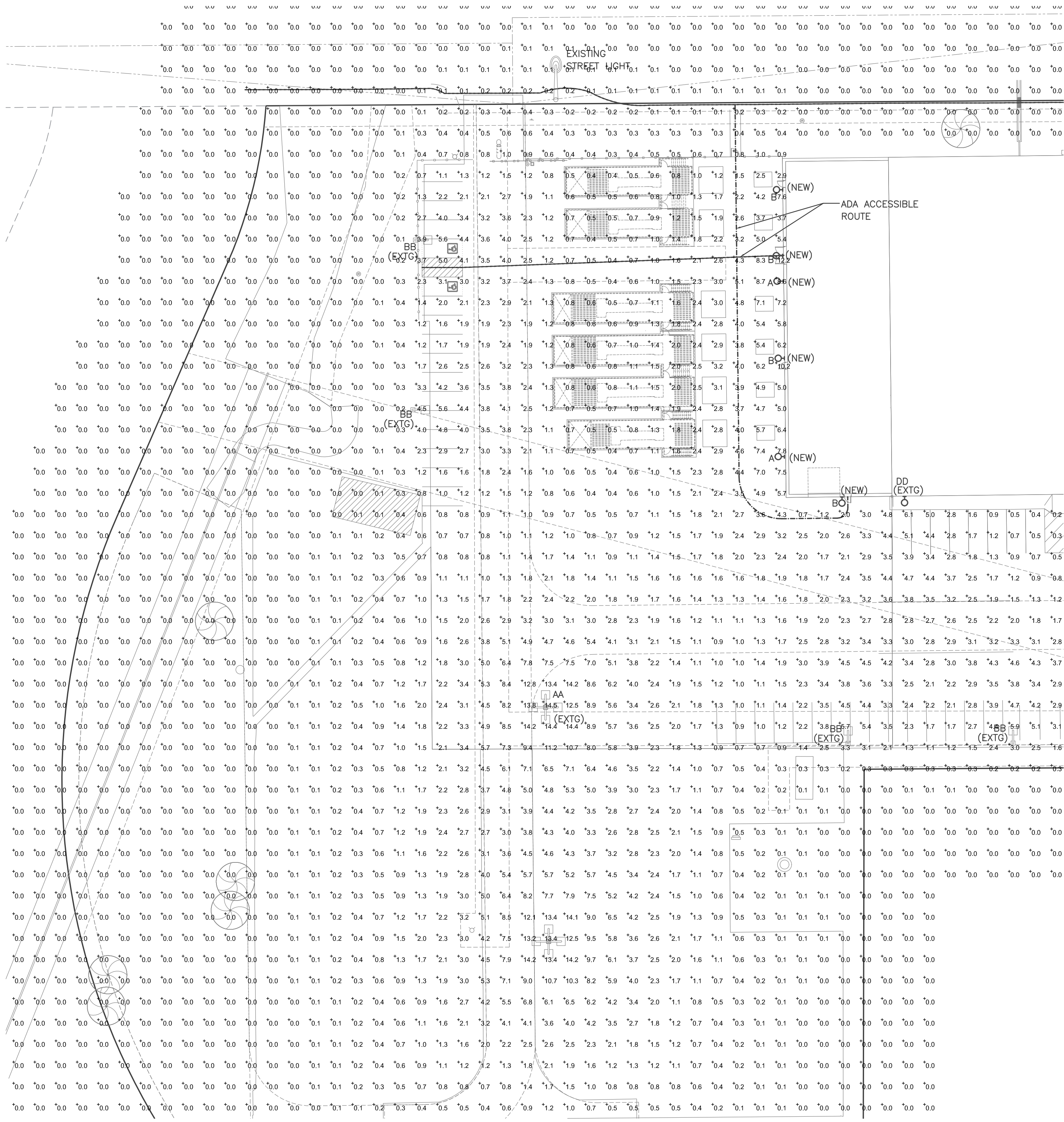
Creative Solutions Since 1954  
CIVIL ENGINEERS • LAND SURVEYORS  
engineering@escsco.com  
P. 303.337.1993

14190 East Evans Avenue  
Aurora, Colorado 80014

**LANDSCAPE PLAN  
AMENDMENT**

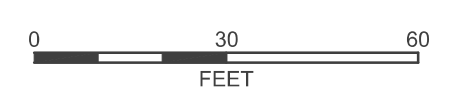
Title:	
JDG Team:	Date:
JCJ/RAJ	2020-09-25
Engineering No.:	Scale:
00-573	
Sheet No.:	
5 OF 9	





**SITE PHOTOMETRIC PLAN**

Scale: 1"=30'



LIGHTING FIXTURE SCHEDULE					
ITEM	MANUFACTURER	CAT. NO.	LAMPS	MOUNTING	DESCRIPTION
A	LITHONIA LIGHTING	RSX2LED-P4-40K-R4-MVOLT	187 WATT 4000K LED 25,059 LUMENS	WALL +25 FT	WET LOCATION POLE LIGHT HEAD INSTALLED WITH WALL BRACKET ON WALL TYPE IV OPTICS
B	LITHONIA LIGHTING	ARC1 LED P1 40K -MVOLT DDBX	11 WATT 4000K LED 1,500 LUMENS	WALL +8 FT	EXTERIOR WALL LIGHT AT EXIT DOOR
AA (EXTG)	LITHONIA LIGHTING	KSF2-250M-R3S-TB-RP09-LP1	(4) 250W MH	POLE +25 FT	EXISTING FOUR-HEAD FULL CUT OFF POLE LIGHT ON 25 FT. POLE, TYPE III OPTICS
BB (EXTG)	LITHONIA LIGHTING	KSF2-400M-R4SC-TB-RP09	(1) 400W MH	POLE +25 FT	EXISTING SINGLE-HEAD FULL CUT OFF POLE LIGHT ON 25 FT. POLE, TYPE IV SHARP CUT OFF OPTICS
DD (EXTG)	LITHONIA LIGHTING	KSF2-250M-R3S-TB-RP09-LP1	(4) 250W MH	POLE +25 FT	EXISTING POLE LIGHT HEAD INSTALLED ON WALL WITH WALL BRACKET. TYPE IV SHARP CUT OFF OPTICS OPTICS



**RSX2 LED**  
Area Luminaire



**FIXTURE 'A'**



**ARC1 LED**  
Architectural Wall Luminaire

**FIXTURE 'B'**

**SITE PHOTOMETRIC SUMMARY**  
AVERAGE = 0.6 FT. CANDLE  
MAXIMUM = 14.4 FT. CANDLE  
MINIMUM = 0.0 FT. CANDLE

**PHOTOMETRIC SUMMARY  
ACCESSIBLE ROUTE**  
AVERAGE = 3.2 FT. CANDLE



8811 E. Hampden Ave. SUITE 200, DENVER, CO 80231  
(303) 355-5534 (tel) walter@rgecinc.com

Count:

Date: 2020-09-25

2021-01-27

2021-01-27

SWGS CONSTRUCTION MANAGEMENT

555 HENDON PARKWAY SUITE 260

HENDON VIRGINIA 20170

A/TN. MARK KING

14190 East Evans Avenue

Aurora, Colorado 80014

engineeringserviceco.com

303.337.1393

303.337.7481

ENGINEERING SERVICE COMPANY

Creative Solutions Since 1954

CREATIVE SOLUTIONS COMPANY

PHOTOMETRIC PLAN

T-MOBILE PHIL SWITCH EXPANSION - SITE PLAN AMENDMENT

LOT 1, BLOCK 2 TOWER CENTER FOR INDUSTRY SUBDIVISION FILING NO. 2

SITUATED IN THE NE 1/4 OF SECTION 33, T.3S., R.66W. OF THE 6TH P.M.

COUNTY OF ADAMS, STATE OF COLORADO

File Name: D:\RGE\Dropbox\adams\2020\Adams T-Mobile\_Engineering\_Services\PH1.dwg

PLT Date: 11/20/21

Company: EEC

EEC Team: CMA, JWB

Engineering No.: E-020-13

Sheet No.:

Date: 2020-09-25

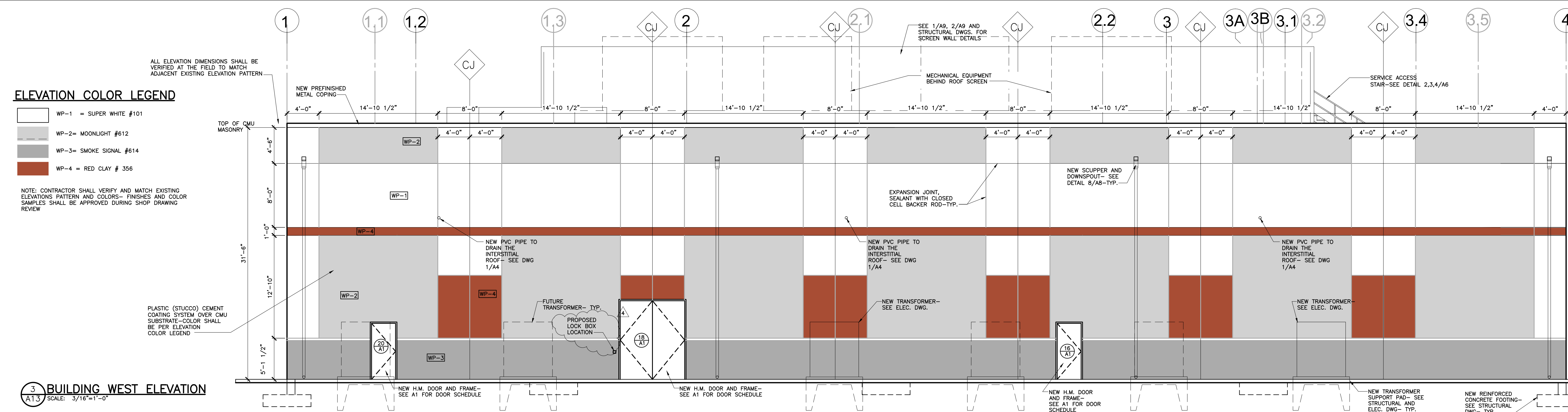
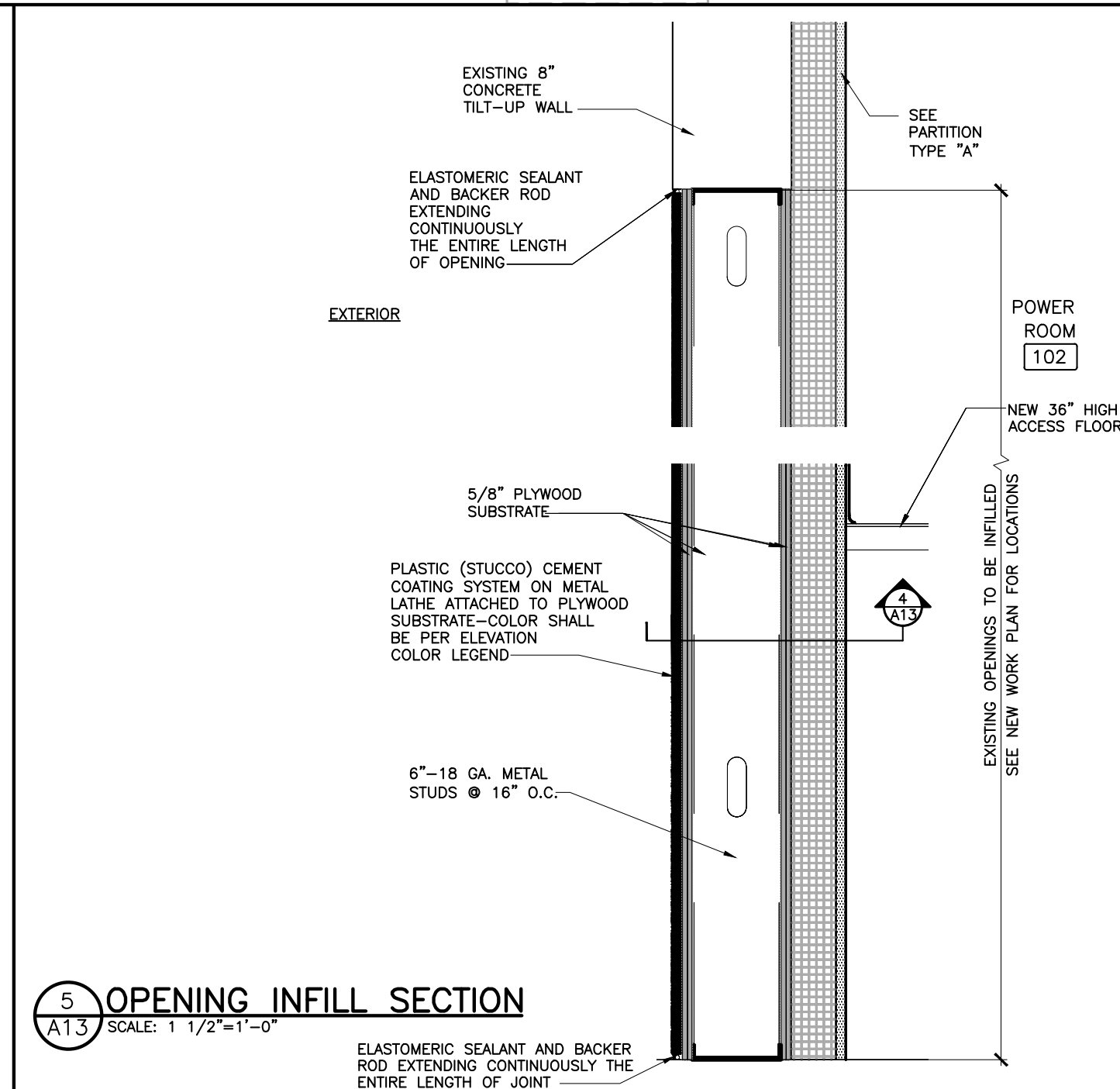
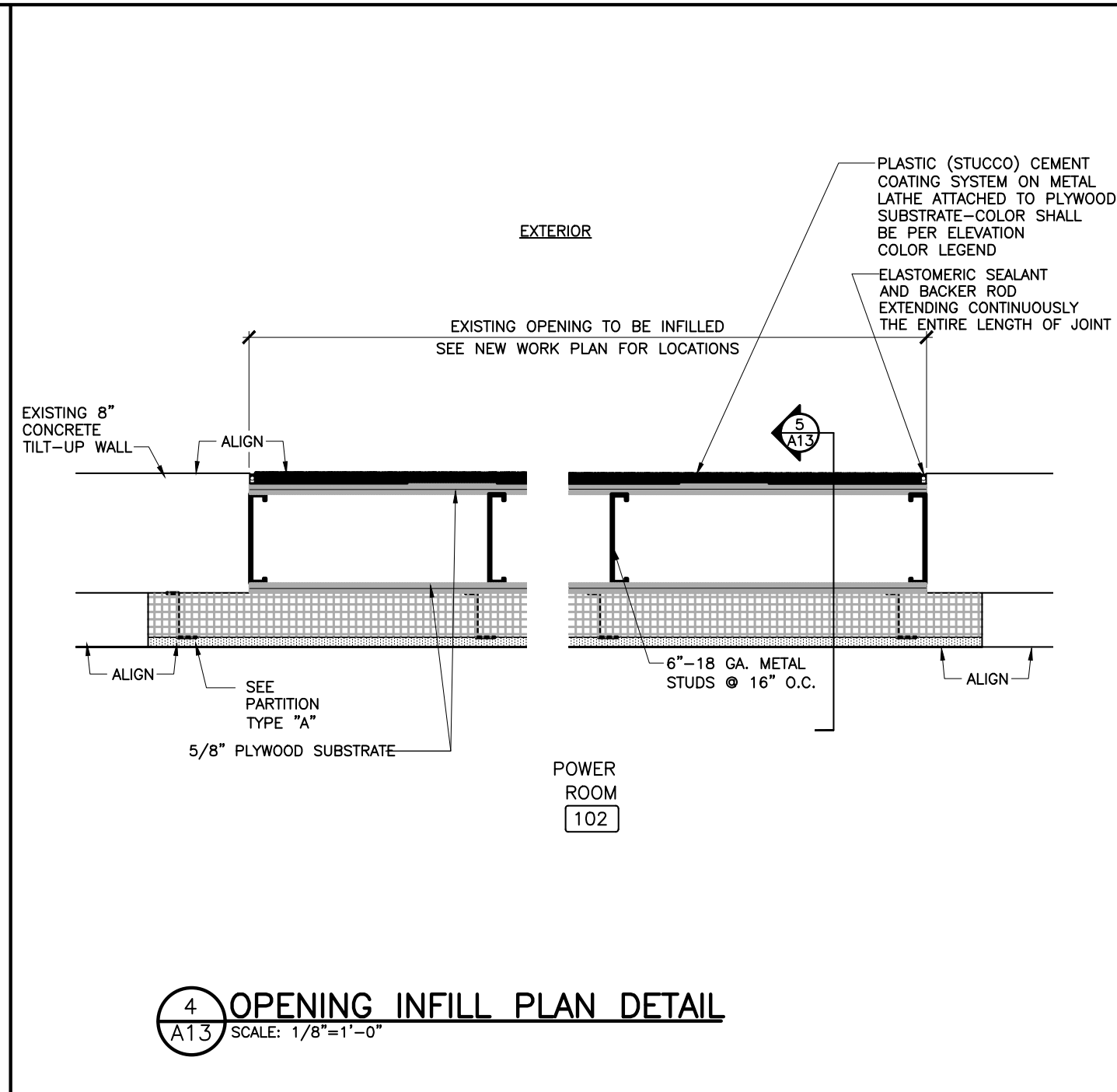
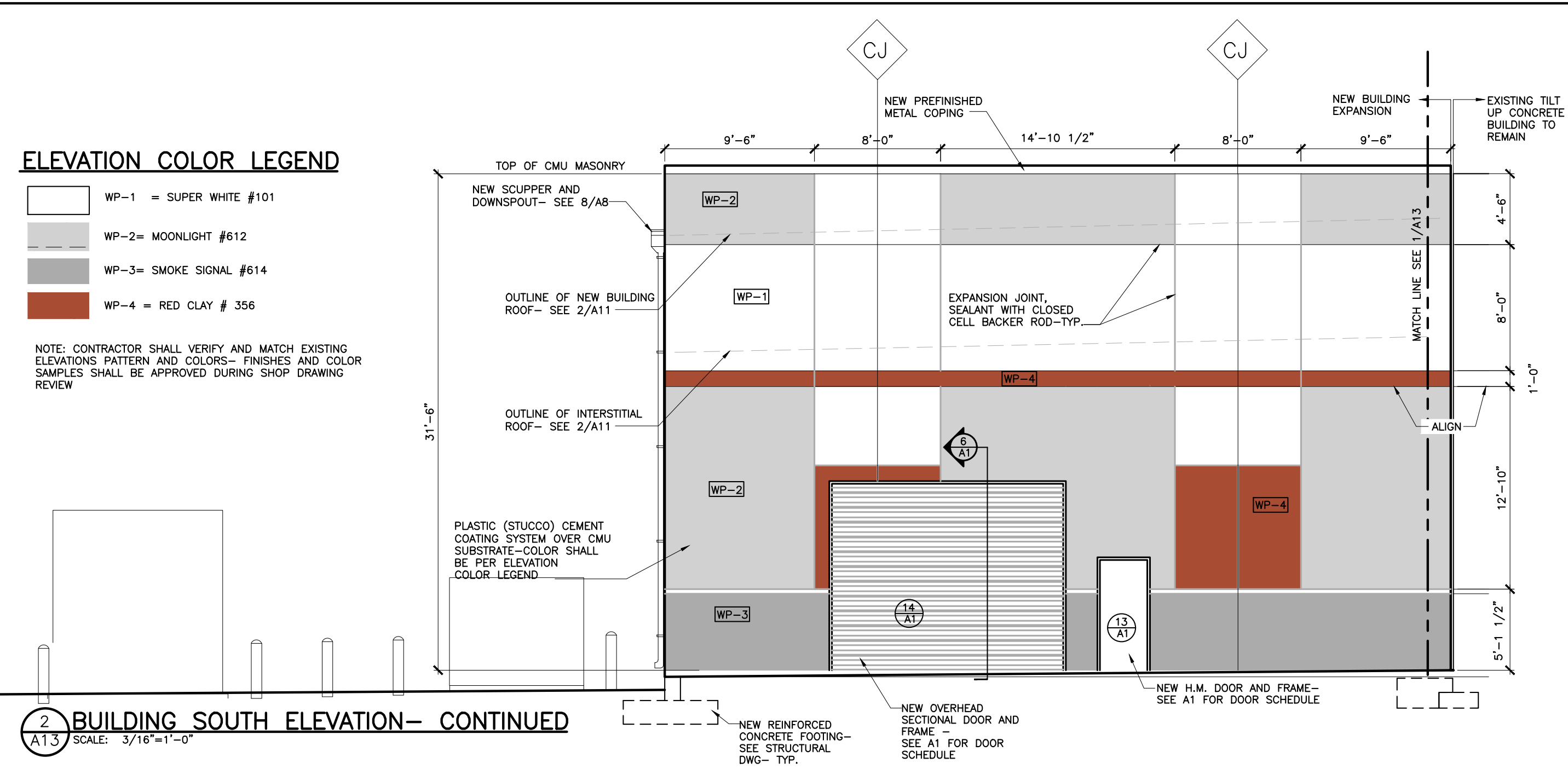
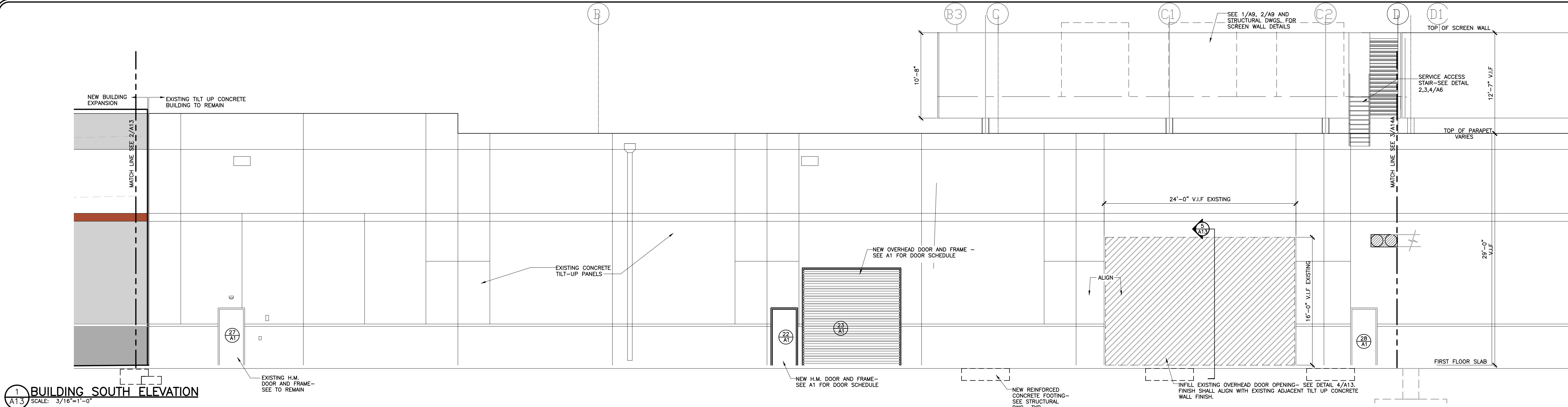
Scale: H: 1/2"

V: N.A.

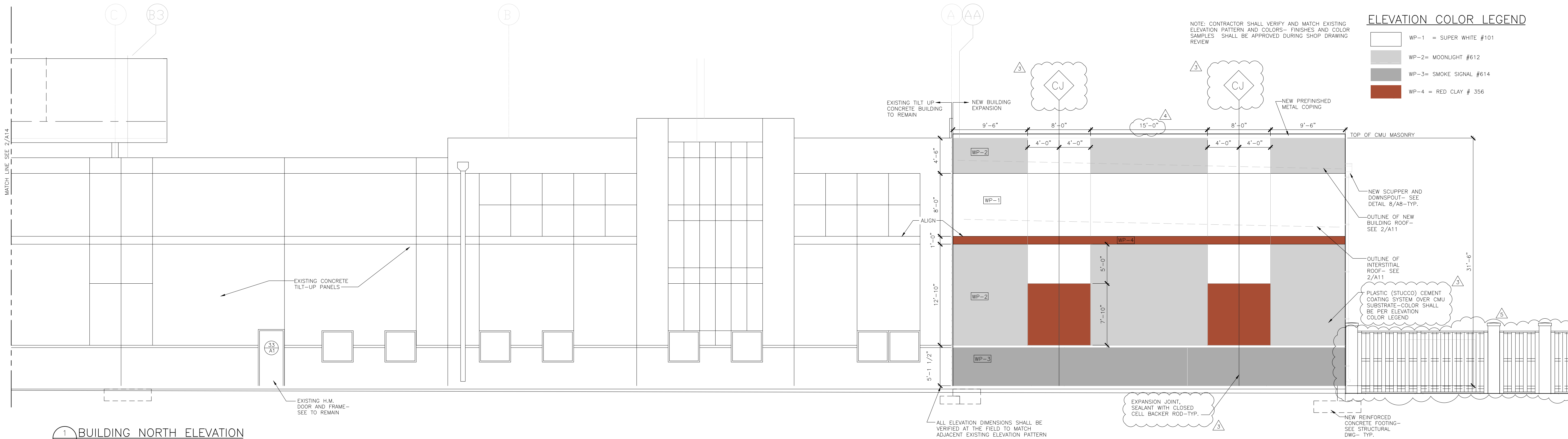
6 OF 9



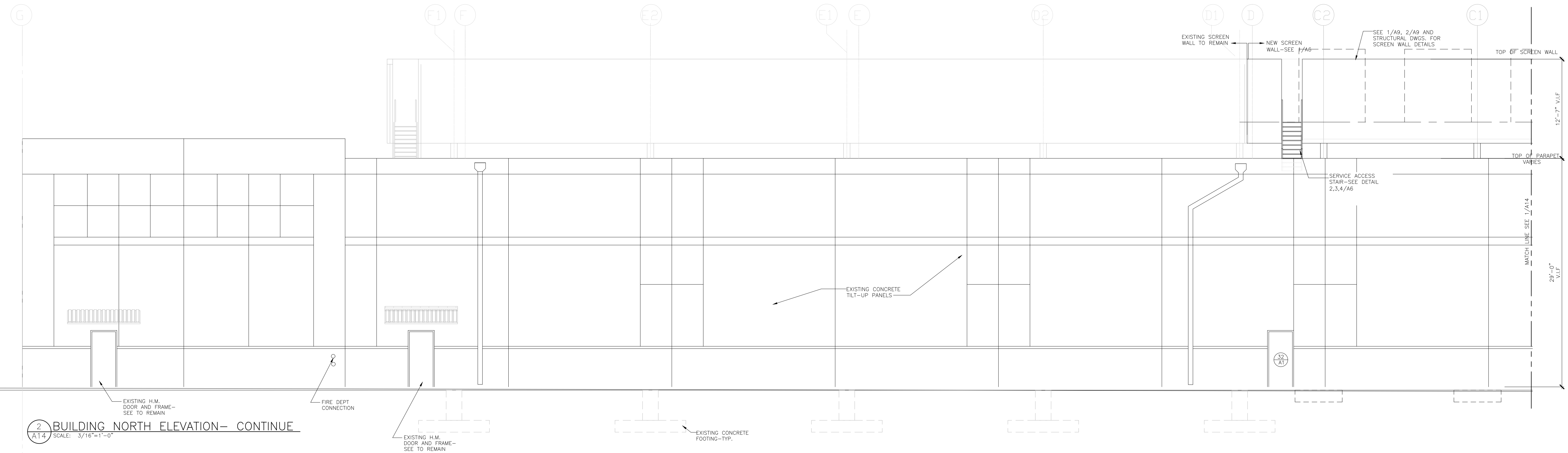
CIVIL PERMIT COMMENTS		DATE
1	CIVIL PERMIT COMMENTS	01-27-21
2	CIVIL PERMIT COMMENTS	01-06-21
3	ADD THIS COMMENT	11-02-20
4	PERMIT COMMENT REVISIONS	09-01-20
5	ISSUED FOR PERMIT	07-15-20
NO.	SUBMISSION	DATE







1 BUILDING NORTH ELEVATION  
A14 SCALE: 3/16"=1'-0"



2 BUILDING NORTH ELEVATION- CONTINUE  
A14 SCALE: 3/16"=1'-0"

ELEVATION COLOR LEGEND

- WP-1 = SUPER WHITE #101
- WP-2= MOONLIGHT #612
- WP-3= SMOKE SIGNAL #614
- WP-4 = RED CLAY # 356

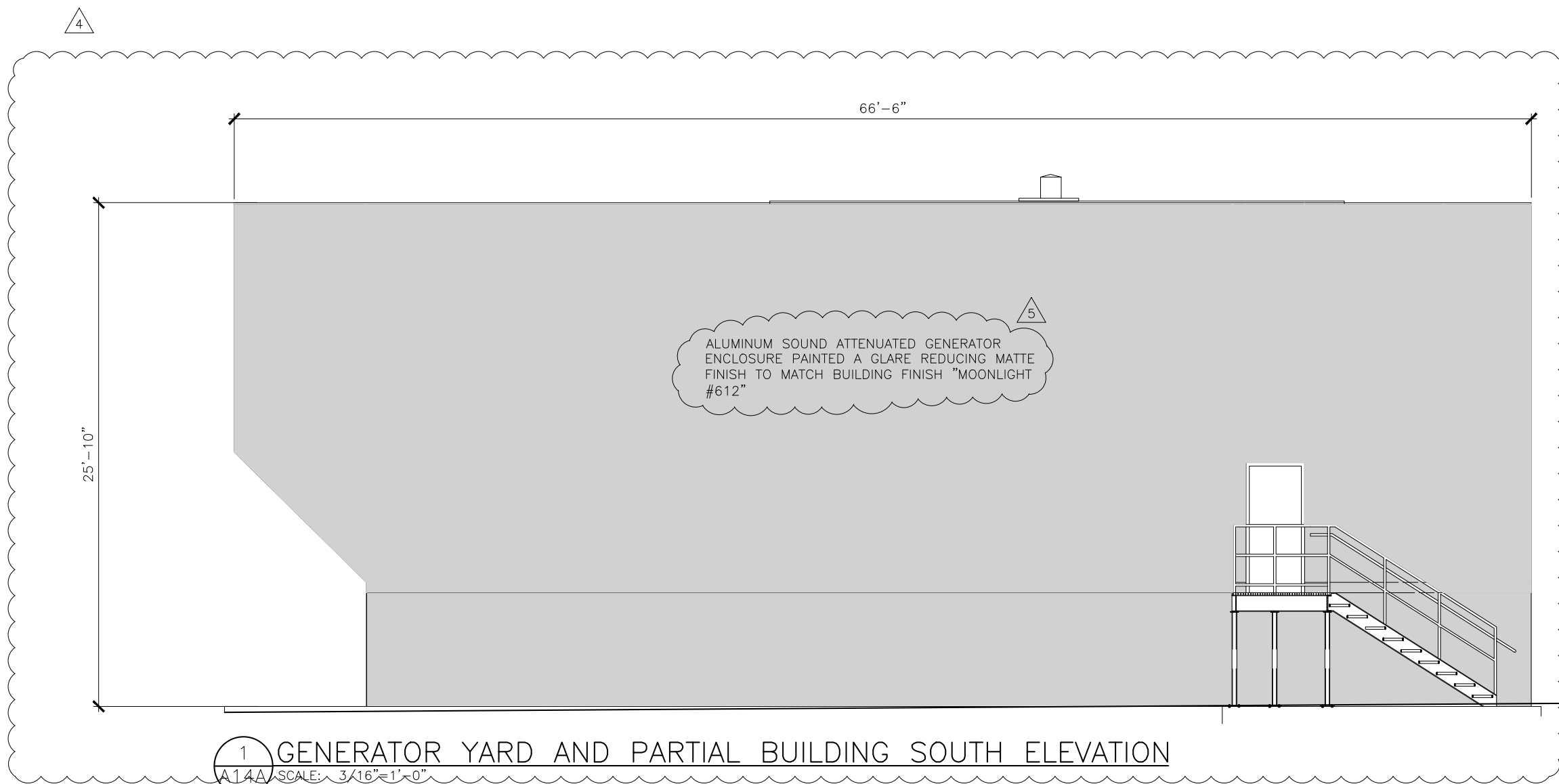
NOTE: CONTRACTOR SHALL VERIFY AND MATCH EXISTING ELEVATION PATTERN AND COLORS - FINISHES AND COLOR SAMPLES SHALL BE APPROVED DURING SHOP DRAWING REVIEW

CIVIL PERMIT COMMENTS	
01-27-21	CIVIL PERMIT COMMENTS
01-06-21	CIVIL PERMIT COMMENTS
11-02-20	ADD THIS COMMENT
09-01-20	PERMIT COMMENT REVISIONS
07-15-20	ISSUED FOR PERMIT
NO.	DATE
SUBMISSION	

BUILDING ELEVATIONS  
T-MOBILE AURORA  
DATA CENTER EXPANSION PH-II  
18400 EAST 22ND AVENUE  
AURORA, COLORADO



THIRD SUBMISSION CIVIL PERMIT COMMENTS	
NO.	DATE
1	02-19-21
2	01-27-21
3	01-06-21
4	11-02-20
5	09-01-20
6	07-15-20
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	
51	
52	
53	
54	
55	
56	
57	
58	
59	
60	
61	
62	
63	
64	
65	
66	
67	
68	
69	
70	
71	
72	
73	
74	
75	
76	
77	
78	
79	
80	
81	
82	
83	
84	
85	
86	
87	
88	
89	
90	
91	
92	
93	
94	
95	
96	
97	
98	
99	
100	



ELEVATION COLOR LEGEND

WP-1 = SUPER WHITE #101  
WP-2= MOONLIGHT #612  
WP-3= SMOKE SIGNAL #614  
WP-4 = RED CLAY # 356

NOTE: CONTRACTOR SHALL VERIFY AND MATCH EXISTING ELEVATIONS PATTERN AND COLORS- FINISHES AND COLOR SAMPLES SHALL BE APPROVED DURING SHOP DRAWING REVIEW

