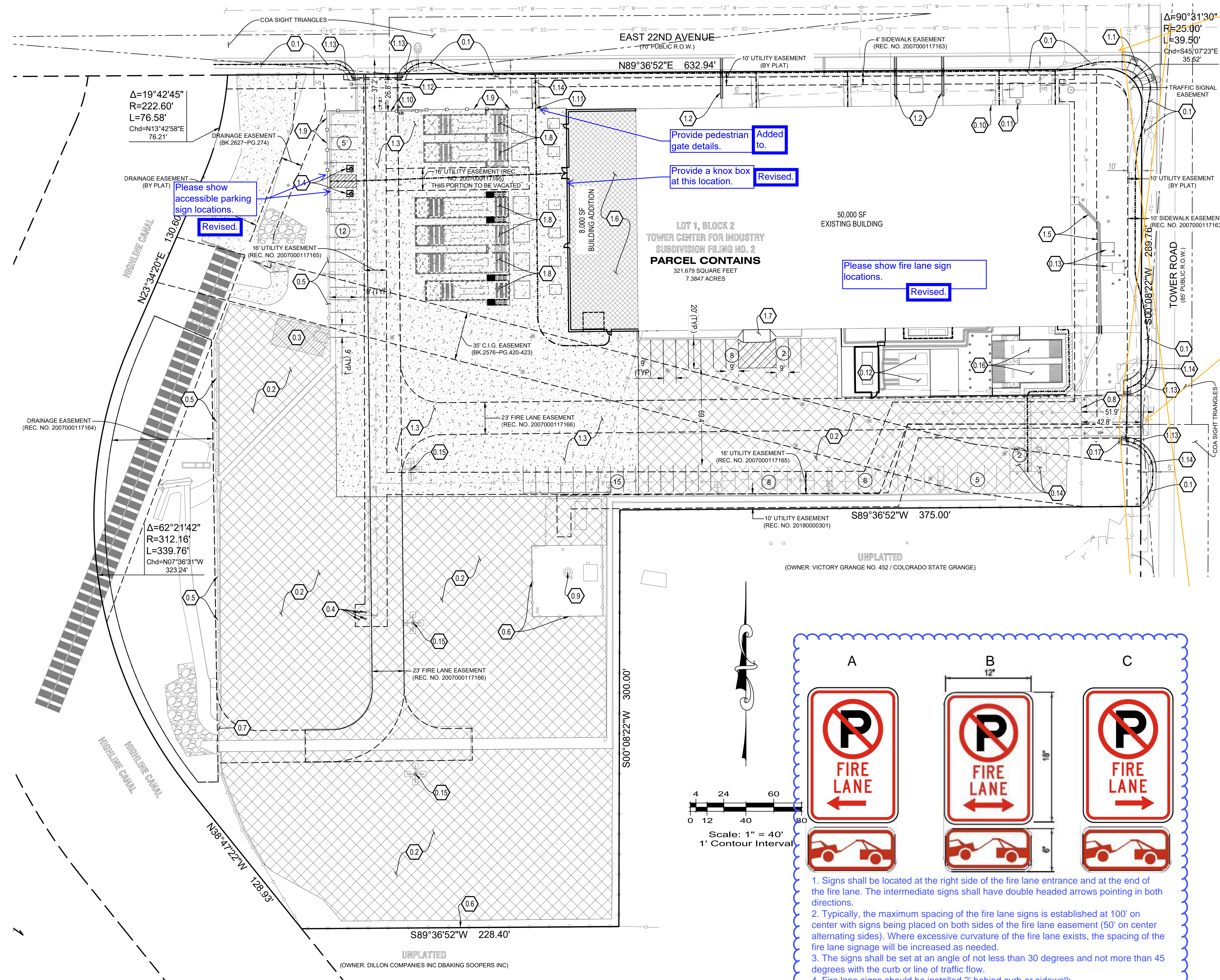


T-MOBILE PHII SWITCH EXPANSION

SITE PLAN AMENDMENT

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

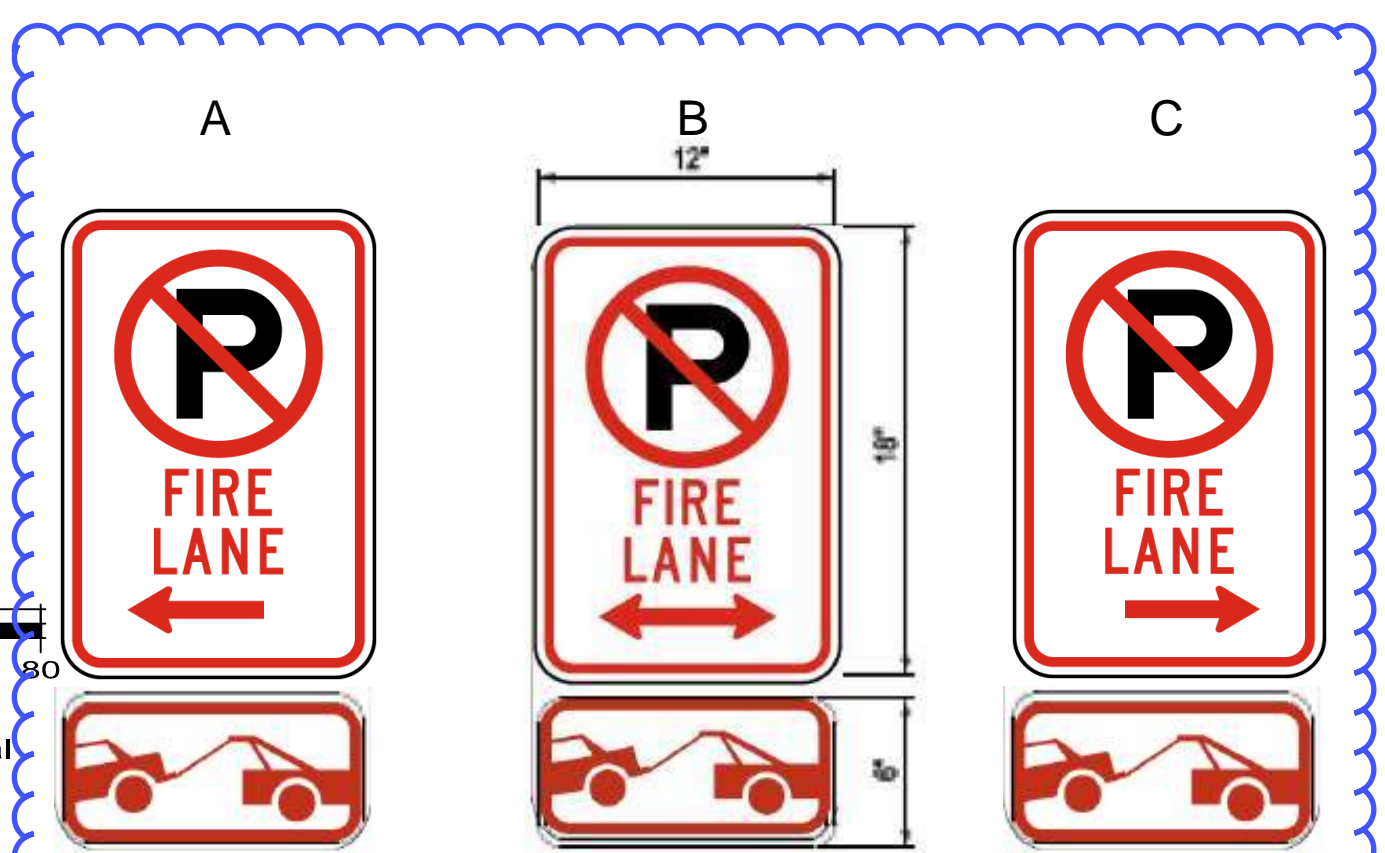
SITUATED IN THE NE 1/4 OF SECTION 33, T.3S., R.66W. OF THE 6TH P.M.
CITY OF AURORA, COUNTY OF ADAMS, STATE OF COLORADO



LEGEND

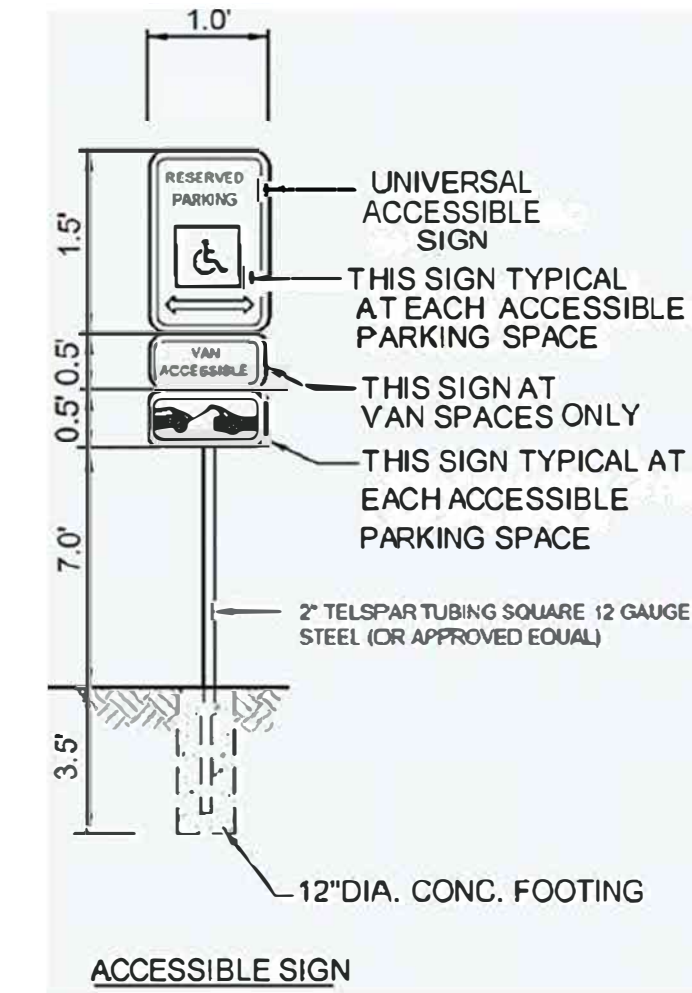
- DEVELOPMENT BOUNDARY
- PROPOSED CURB AND GUTTER
- EXISTING CURB AND GUTTER
- EXISTING OR PROPOSED EASEMENT
- ADA ROUTE
- LANDSCAPING AREA
- PROPOSED LIGHT POLE
- PARKING COUNT
- EXISTING ASPHALT AREA
- PROPOSED ASPHALT AREA
- ACCESSIBLE PARKING

- 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
- 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 AND PAINT
 - 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 6' TALL FENCE (RE: LANDSCAPE PLANS)
 - 1.10 8' HIGH X 24' WIDE SLIDING GATE, OPTICOM CONTROLLED W/ KNOCK 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. 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.
2. 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.
3. 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.
4. Fire lane signs should be installed 2' behind curb or sidewalk.
5. The clearance to the bottom of the sign shall be 7 feet. There shall be not other signs attached to the sign or the sign post.
6. 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.

CITY OF AURORA FIRE LANE SIGN DETAIL



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).

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

ES&C ENGINEERING SERVICE COMPANY
14190 East Evans Avenue
Aurora, Colorado 80014
engineering@esandc.com
P 303.337.1393
F 303.337.481

SITE 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.
CITY OF AURORA, COUNTY OF ADAMS, STATE OF COLORADO

File: CMA, JWB Date: 2020-09-25
Engineering No.: E-020-13 Scale: H: 1/2"=1'-0"
Sheet No.: V: N/A

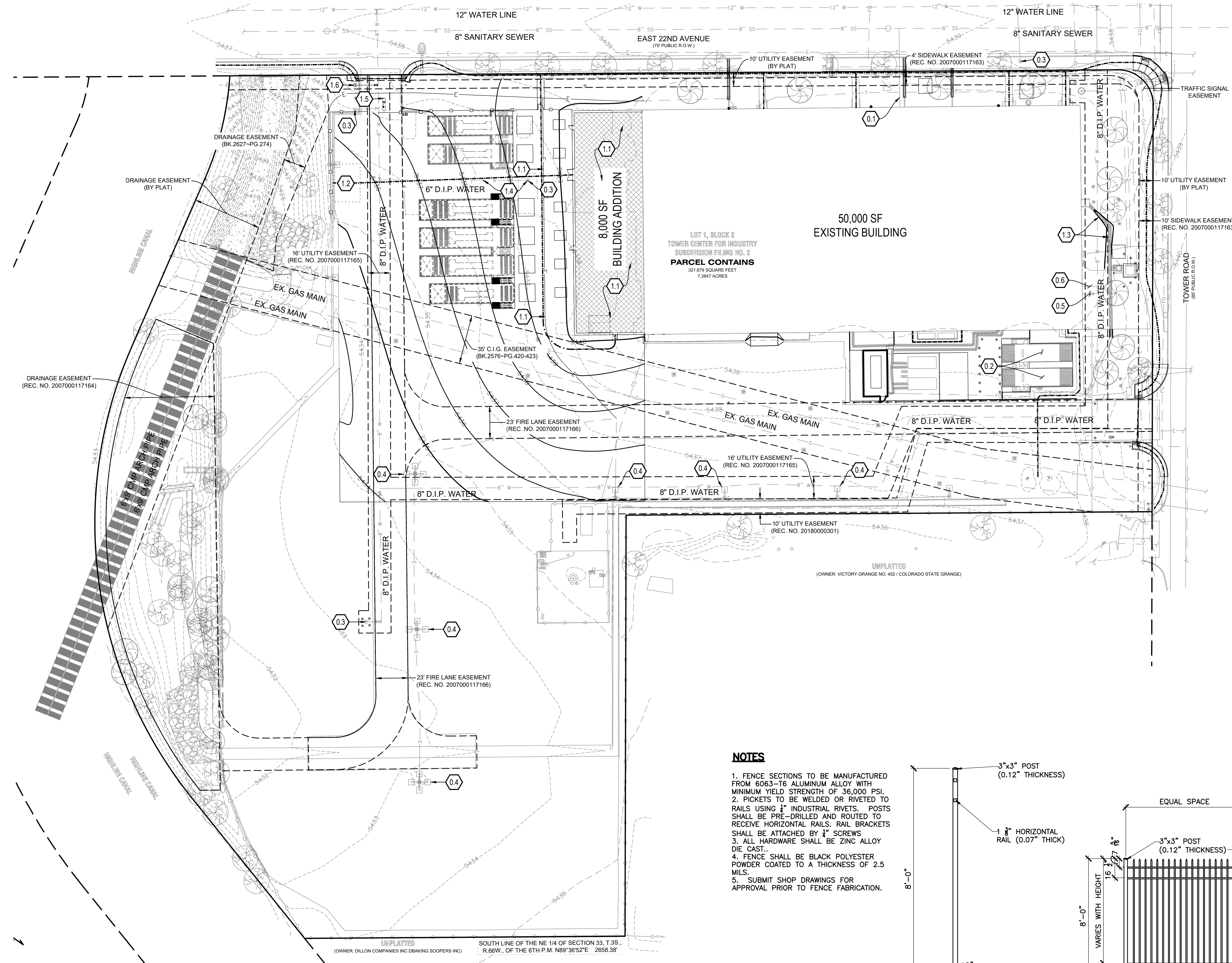
2 OF 9

T-MOBILE PHII SWITCH EXPANSION

SITE PLAN AMENDMENT

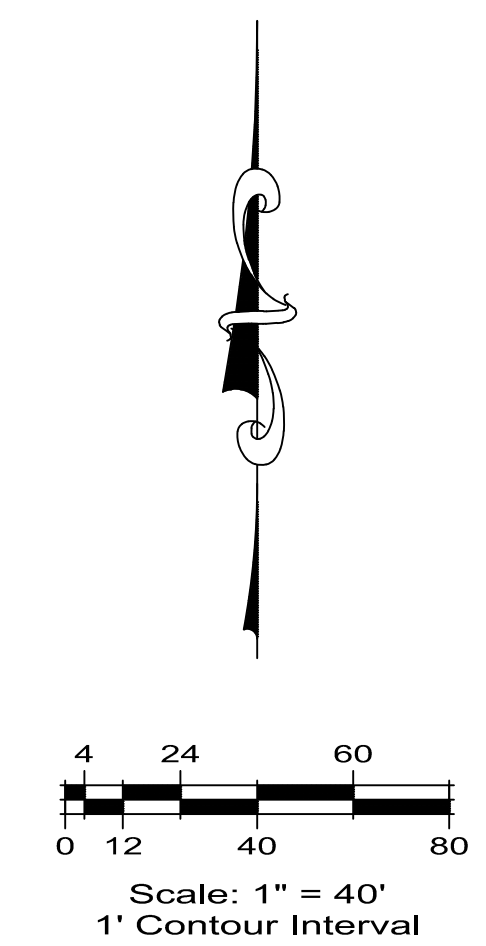
LOT 1, BLOCK 2, TOWER CENTER FOR INDUSTRY SUBDIVISION FILING NO. 2

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CITY OF AURORA, COUNTY OF ADAMS, STATE OF COLORADO



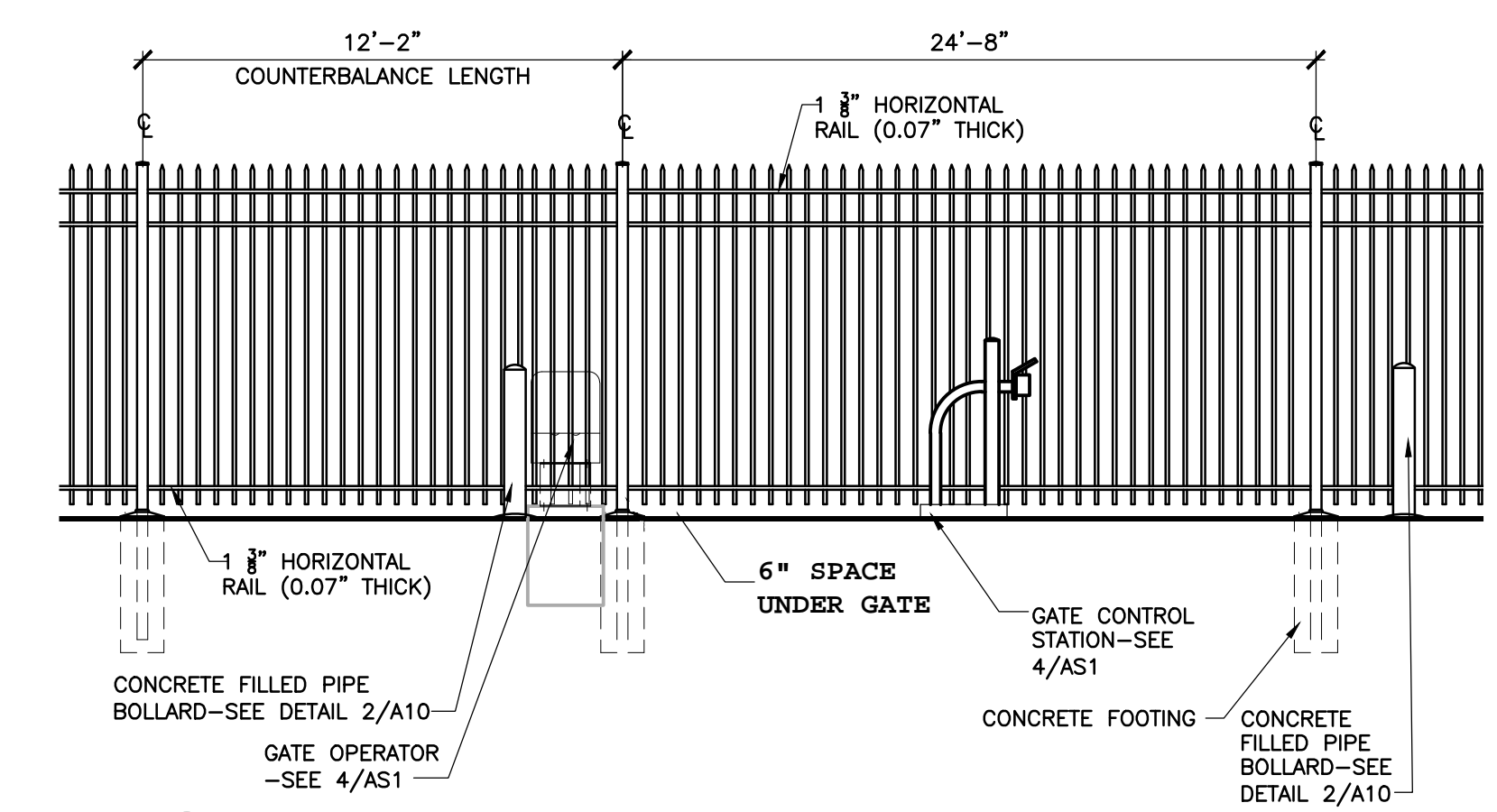
LEGEND

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



GRADING AND UTILITY PLAN KEYNOTE LEGEND:

- EXISTING ITEMS (E)**
- 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)
- CONSTRUCTION ITEMS**
- 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

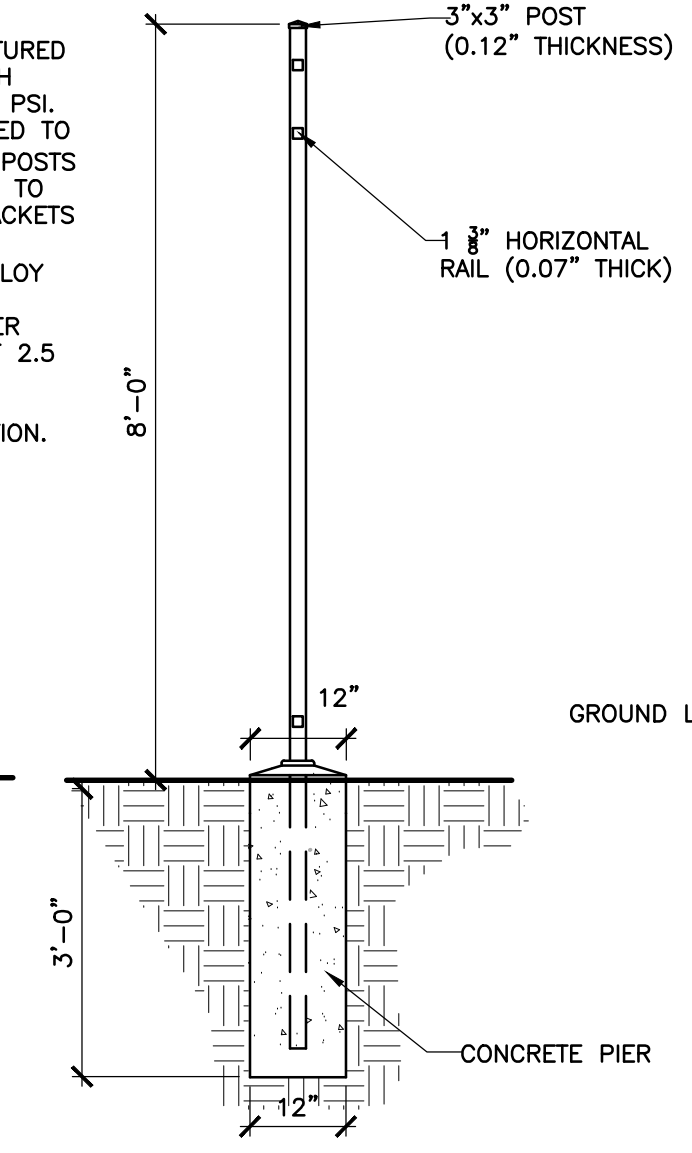


5 CANTILEVER SLIDING GATE-TYP
SCALE: 1/4" = 1'-0"

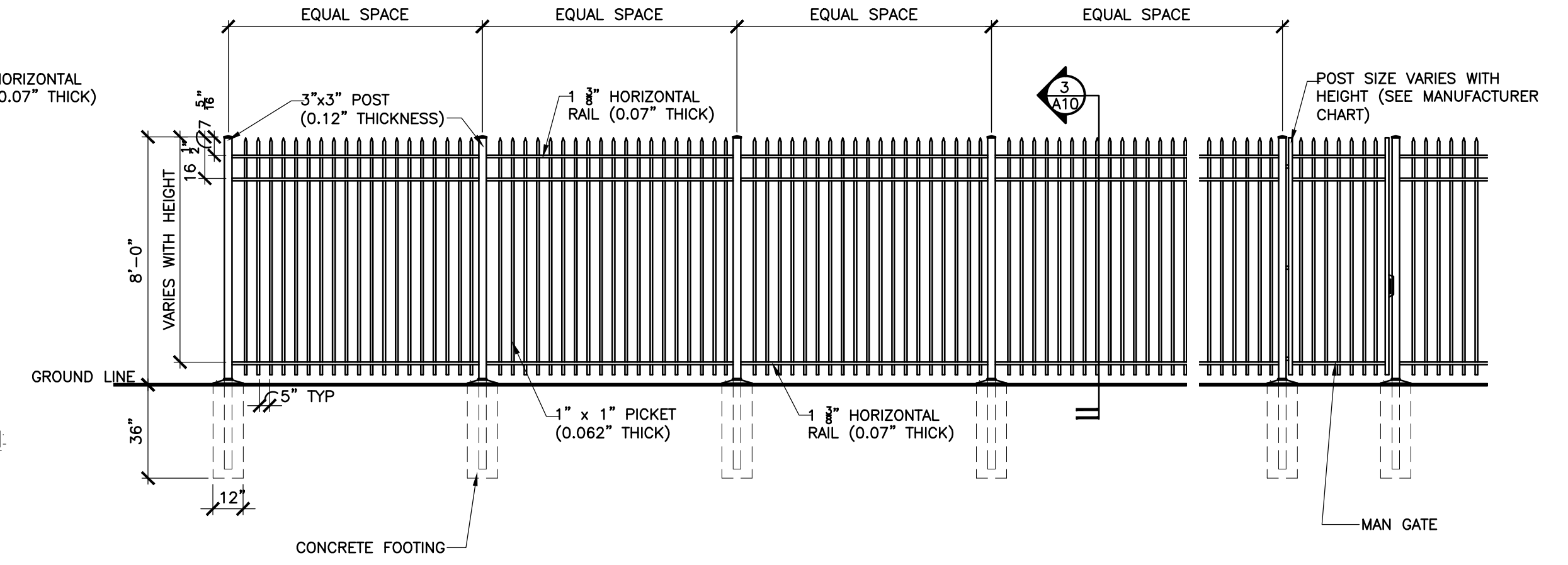
NOTES

- FENCE SECTIONS TO BE MANUFACTURED FROM 6063-T6 ALUMINUM ALLOY WITH MINIMUM YIELD STRENGTH OF 36,000 PSI.
- PICKETS TO BE WELDED OR RIVETED TO RAILS USING 1/4" INDUSTRIAL RIVETS. POSTS SHALL BE PRE-DRILLED AND ROUTED TO RECEIVE HORIZONTAL RAILS. RAIL BRACKETS SHALL BE ATTACHED BY 1/4" SCREWS.
- ALL HARDWARE SHALL BE ZINC ALLOY DIE CAST.
- FENCE SHALL BE BLACK POLYESTER POWDER COATED TO A THICKNESS OF 2.5 MILS.
- SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO FENCE FABRICATION.

3 FENCE POST
SCALE: 1/2" = 1'-0"



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



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).

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

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

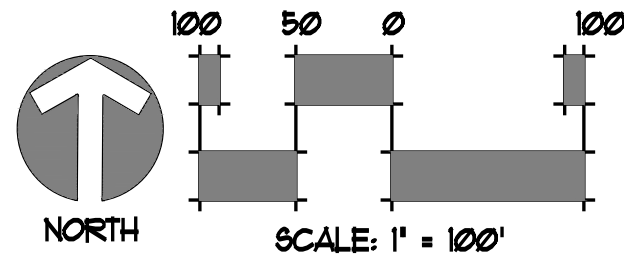
14190 East Evans Avenue
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engineers@esccompany.com
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F 303.337.7481

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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.66W. OF THE 6TH P.M.
CITY OF AURORA, COUNTY OF ADAMS, STATE OF COLORADO

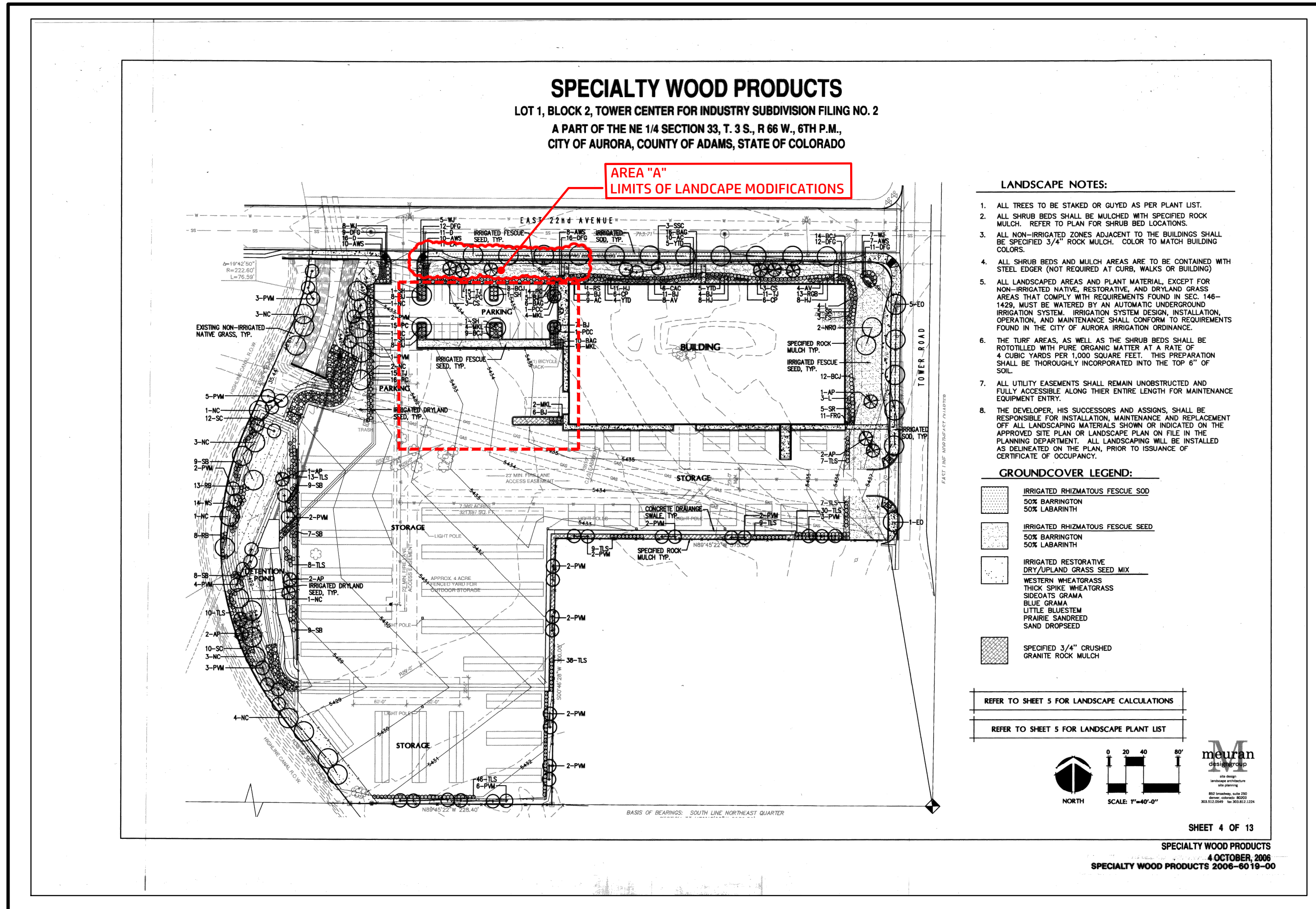
| | | | |
|------------------|----------|--------|------------|
| ESCC Team: | CMA, JWB | Date: | 2020-09-25 |
| Engineering No.: | E-020-13 | Scale: | H: 1/2" |
| Sheet No.: | | V: | N.A. |

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

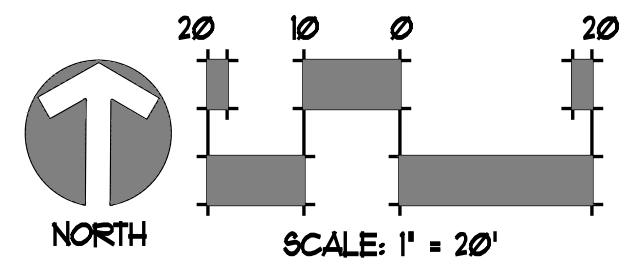


T-MOBILE PHII SWITCH EXPANSION
SITE PLAN AMENDMENT
LOT 1, BLOCK 2, TOWER CENTER FOR INDUSTRY SUBDIVISION FILING NO. 2
SITUATED IN THE NE 1/4 OF SECTION 33, T.3S., R.66W. OF THE 6TH P.M.
COUNTY OF ADAMS, STATE OF COLORADO

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" | --- | \$ --- |
| #2 | SHADEMASTER H.L. | 10" | --- | \$ --- |
| #3 | SHADEMASTER H.L. | 12" | --- | \$ --- |
| #4 | SHADEMASTER H.L. | 10" | --- | \$ --- |
| #5 | CHANTICLEER PEAR | 8" | --- | \$ --- |
| #6 | CHANTICLEER PEAR | 8" | --- | \$ --- |
| TOTAL | | | --- | \$ --- |

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" |
|--|--------------------------|---|
| --- | 0 | ---"/\$ --- |

NOTES

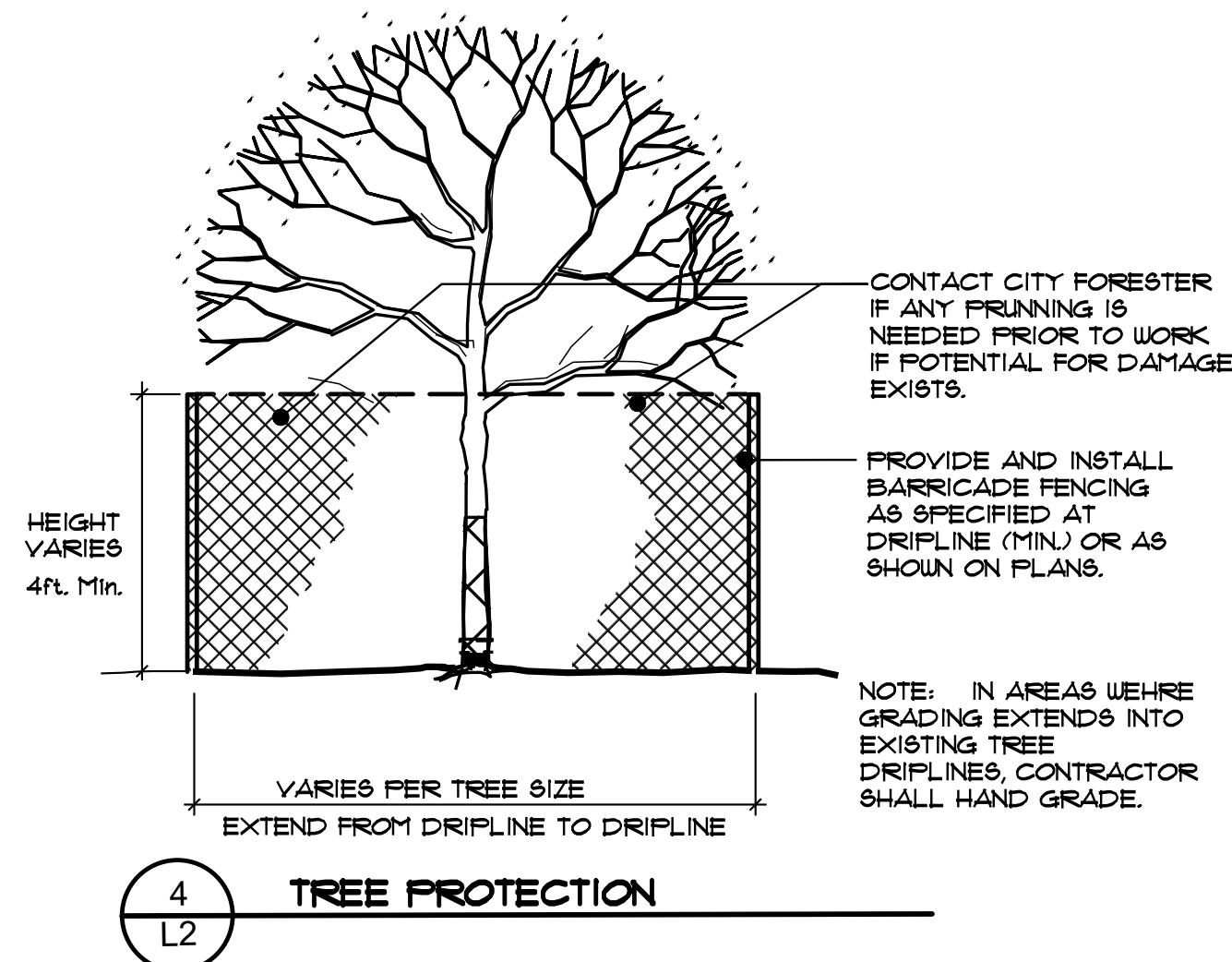
- FOR IDENTIFICATION, THE LABELING OF TREES TO BE MITIGATED ARE SHOWN IN RED. CITY TO ANALYZE AND ASSIGN VALUE TO EACH TREE.
- TREE PROTECTION FENCING TO BE PLACED AROUND EXISTING TREES, AS SHOWN ON SHEET 5 OF 8.

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) |

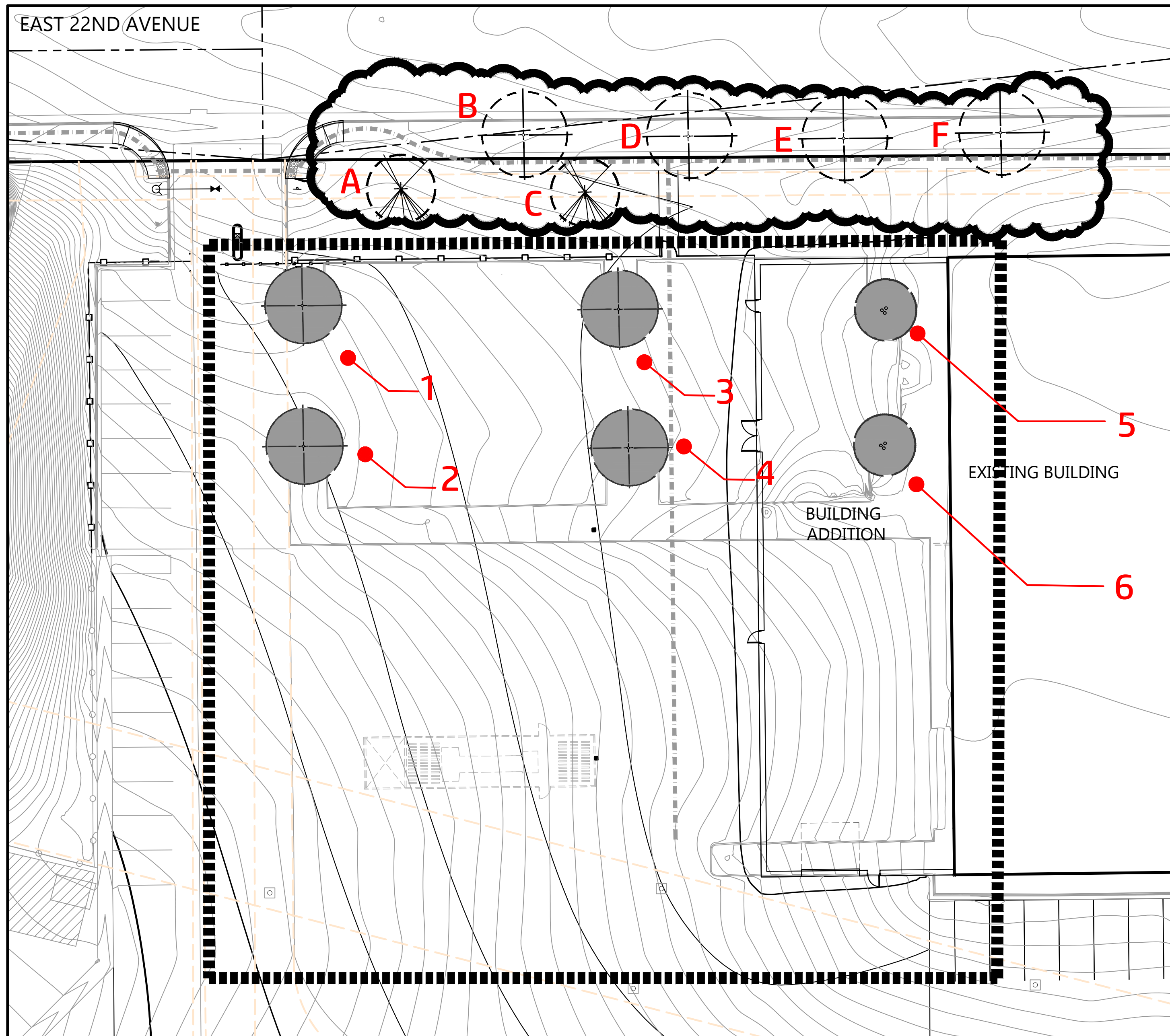
NOTES

- 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 \$200. 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 INCIDENCE 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 HEMDON PARKWAY SUITE 280
HEMDON, VIRGINIA 20170
ATTN: MARK KING

Client:
Date: 2020-09-25
2020-11-30
No.: Description: INITIAL SUBMITTAL
1 RESPONSE TO CITY COMMENTS SUBMIT

ENGINEERING SERVICE COMPANY
14190 East Evans Avenue
Aurora, Colorado 80014
Creative Solutions Since 1954
Civil Engineers & Landscapers
P 303.337.1355
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

Time:
JDC Team: JC/JRAJ Date: 2020-09-25
Engineering No: 00-573 Scale:
Sheet No: 4 OF 9

T-MOBILE PHII SWITCH EXPANSION

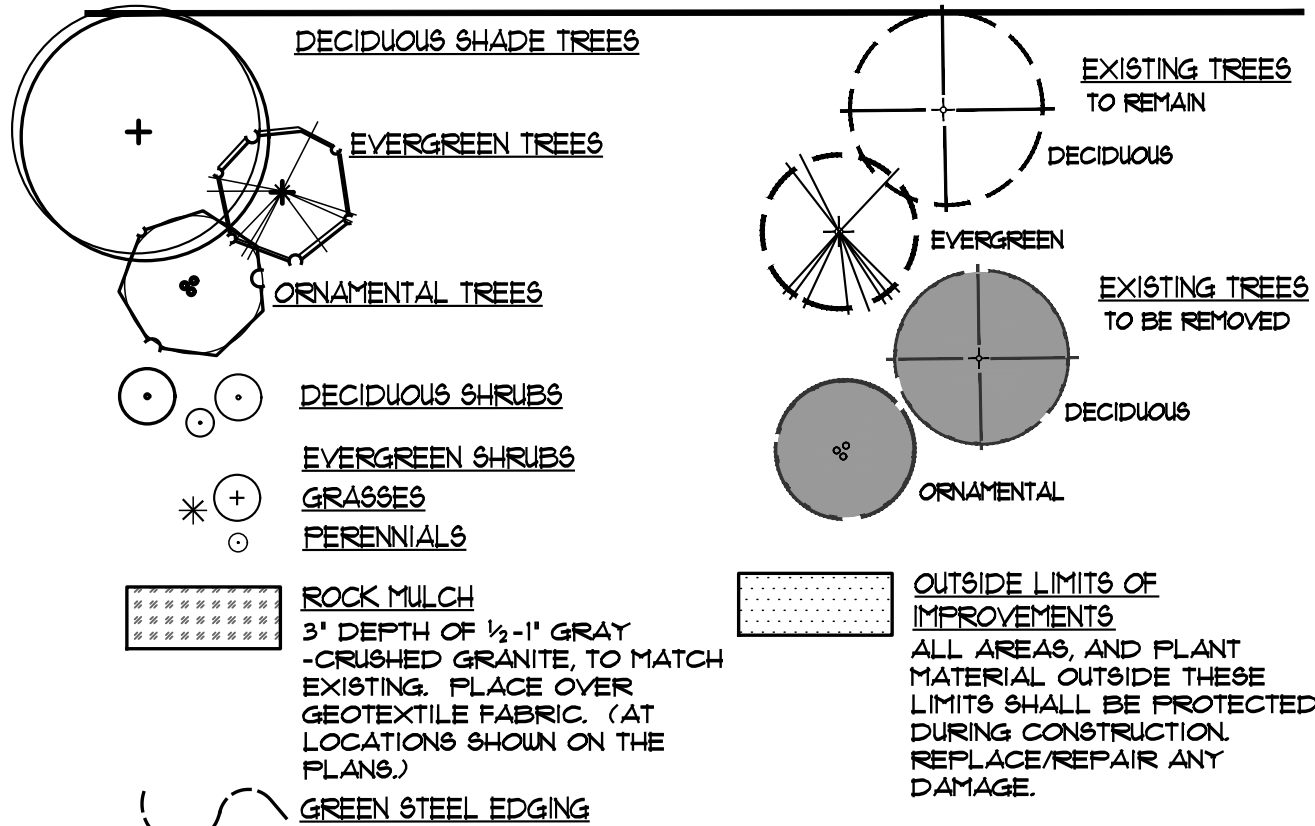
SITE PLAN AMENDMENT

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

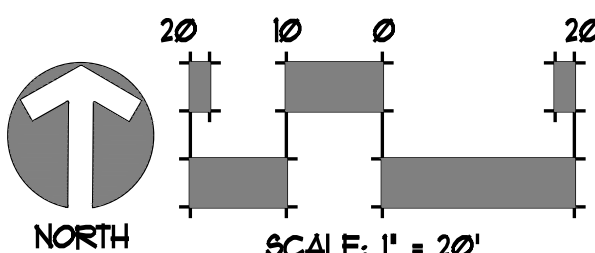
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COUNTY OF ADAMS, STATE OF COLORADO

NOT FOR CONSTRUCTION

LEGEND



LANDSCAPE MODIFICATIONS



PLANT MATERIAL REMOVED -Six interior islands

| KEY | QTY. | BOTANIC NAME | COMMON NAME | SIZE |
|------------------------------|------|--------------------------------------|-------------------------|-------------|
| DECIDUOUS & ORNAMENTAL TREES | | | | |
| SH | 4 | GLEDITSIA TRIANCANTHOS 'SHADEMASTER' | SHADEMASTER HONEYLOCUST | 2 1/2' CAL. |
| PCC | 2 | CRATAEGUS MORDENENSIS 'TOBA' | CHANTICLEER FEAR | 2' CAL. |
| DECIDUOUS & EVERGREEN SHRUBS | | | | |
| MKL | 20 | SYRINGA FATULA 'MISS KIM' | MISS KIM LILAC | 5 GAL. |
| BAG | 16 | HELIOTRICHON SEMPERVIRENS | BLUE AVENA GRASS | 5 GAL. |
| BJ | 34 | JUNIFERUS SABINA 'BUFFALO' | BUFFALO JUNIFER | 5 GAL. |
| BCJ | 17 | JUNIFERUS HORIZONTALIS 'BLUE CHIP' | BLUE CHIP JUNIFER | 5 GAL. |

PROPOSED LANDSCAPE IMPROVEMENTS

| KEY | QTY. | BOTANIC NAME | COMMON NAME | SIZE |
|------------------------------|------|--------------------------------------|-----------------------------|-----------------|
| DECIDUOUS & ORNAMENTAL TREES | | | | |
| SH | 1 | GLEDITSIA TRIANCANTHOS 'SHADEMASTER' | SHADEMASTER HONEYLOCUST | 2 1/2' CAL. |
| HAW | 1 | CRATAEGUS MORDENENSIS 'TOBA' | WASHINGTON HAWTHORNE 'TOBA' | 8FT., MULTISTEM |
| SSC | 2 | MALUS x SPRING SNOW | SPRING SNOW CRABAPPLE | 2' CAL. |
| DECIDUOUS & ORNAMENTAL TREES | | | | |
| API-A | 2 | PINUS NIGRA | AUSTRIAN PINE | 6FT. HEIGHT |
| SHRUBS & GRASSES | | | | |
| AUS | 12 | SPIREA BUMALDA 'ANTHONY WATERER' | ANTHONY WATERER SPIREA | 5 GAL. |
| GFP | 18 | POTENTILLA FRUTICOSA 'GOLD FINGER' | GOLD FINGER POTENTILLA | 5 GAL. |
| BCJ | 4 | JUNIFERUS HORIZONTALIS 'BLUE CHIP' | BLUE CHIP JUNIFER | 5 GAL. |
| KFG | 9 | CALAMAGROSTIS ACUTIFLORA | FEATHER REED KARL FORESTER | 5 GAL. |

STANDARD LANDSCAPE NOTES

- LANDSCAPE DESIGN COMPLIES WITH THE CITY OF AURORA'S DESIGN STANDARDS AND REGULATIONS.
 - ALL EXISTING TREES AND SHRUBS TO REMAIN, UNLESS NOTED DIFFERENTLY ON THE PLANS.
 - COBBLE MULCH SHALL BE 4" WASHED RIVER ROCK PLACED TIGHTLY AND EVENLY. USE 3/4" PEA GRAVEL AS INFILL BETWEEN LARGER STONES. ALL ROCK MULCHED BEDS SHALL HAVE GEOTEXTILE WEED BARRIER INSTALLED PRIOR TO PLACEMENT. NO WEED BARRIER IS TO BE VISIBLE.
 - WHENEVER POSSIBLE, EXISTING TOPSOIL SHALL BE STRIPPED TO A MINIMUM DEPTH OF FOUR (4') INCHES AND STOCKPILED FOR FUTURE USE. UPON COMPLETION OF SITEWORK, ADV PRIOR TO PLACEMENT OF COMPOST, THE TOPSOIL SHALL BE SPREAD OVER ALL AREAS BEING LANDSCAPED.
 - 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 SPREAD EVENLY AND ROTOTILLED TO A DEPTH OF EIGHT (8') INCHES.
 - LIGHTING WILL BE POLE MOUNTED LIGHTS LOCATED AT THE PERIMETER OF THE PARKING LOT. ALL SITE AND BUILDING LIGHTING TO BE METAL HALIDE.
 - ALL SIDEWALKS, ENTRYWAYS AND CURB/GUTTER SHALL BE CONCRETE. DRIVE LANE AND PARKING LOT SURFACING WILL BE ASPHALT.
 - ALL UTILITY EASEMENTS SHALL REMAIN UNOBSTRUCTED AND FULLY ACCESSIBLE ALONG THE ENTIRE LENGTH FOR MAINTENANCE EQUIPMENT ENTRY.
 - THE DEVELOPER, HIS SUCCESSOR AND ASSIGNS SHALL BE RESPONSIBLE FOR INSTALLATION, MAINTENANCE AND REPLACEMENT OF ALL LANDSCAPE MATERIALS SHOWN OR INDICATED ON THE APPROVED SITE PLAN OR LANDSCAPE PLAN ON FILE IN THE PLANNING DEPARTMENT. ALL LANDSCAPING WILL BE INSTALLED AS DELINEATED ON THE PLAN, PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY.
 - ALL LANDSCAPED AREAS AND PLANT MATERIAL, EXCEPT FOR NON-IRRIGATED NATIVE, RESTORATIVE, AND DRYLAND GRASS AREAS THAT COMPLY WITH THE REQUIREMENTS FOUND IN SEC. 146-142S AND/OR IN SEC. 146-143S, MUST BE WATERED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM. IRRIGATION SYSTEM DESIGN, INSTALLATION, OPERATION AND MAINTENANCE SHALL CONFORM TO THE REQUIREMENTS FOUND IN THE CITY OF AURORA'S IRRIGATION ORDINANCE.
 - ALL PROPOSED LANDSCAPING WITHIN THE SIGHT TRIANGLES SHALL BE IN COMPLIANCE WITH COA ROADWAY SPECIFICATIONS, SECTION 4.04.2.10.
- FIRE LIFE SAFETY LANDSCAPE NOTES:
- 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.

STANDARD REQUIREMENTS

STANDARD RIGHT-OF-WAYS

| 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 | | | | | |

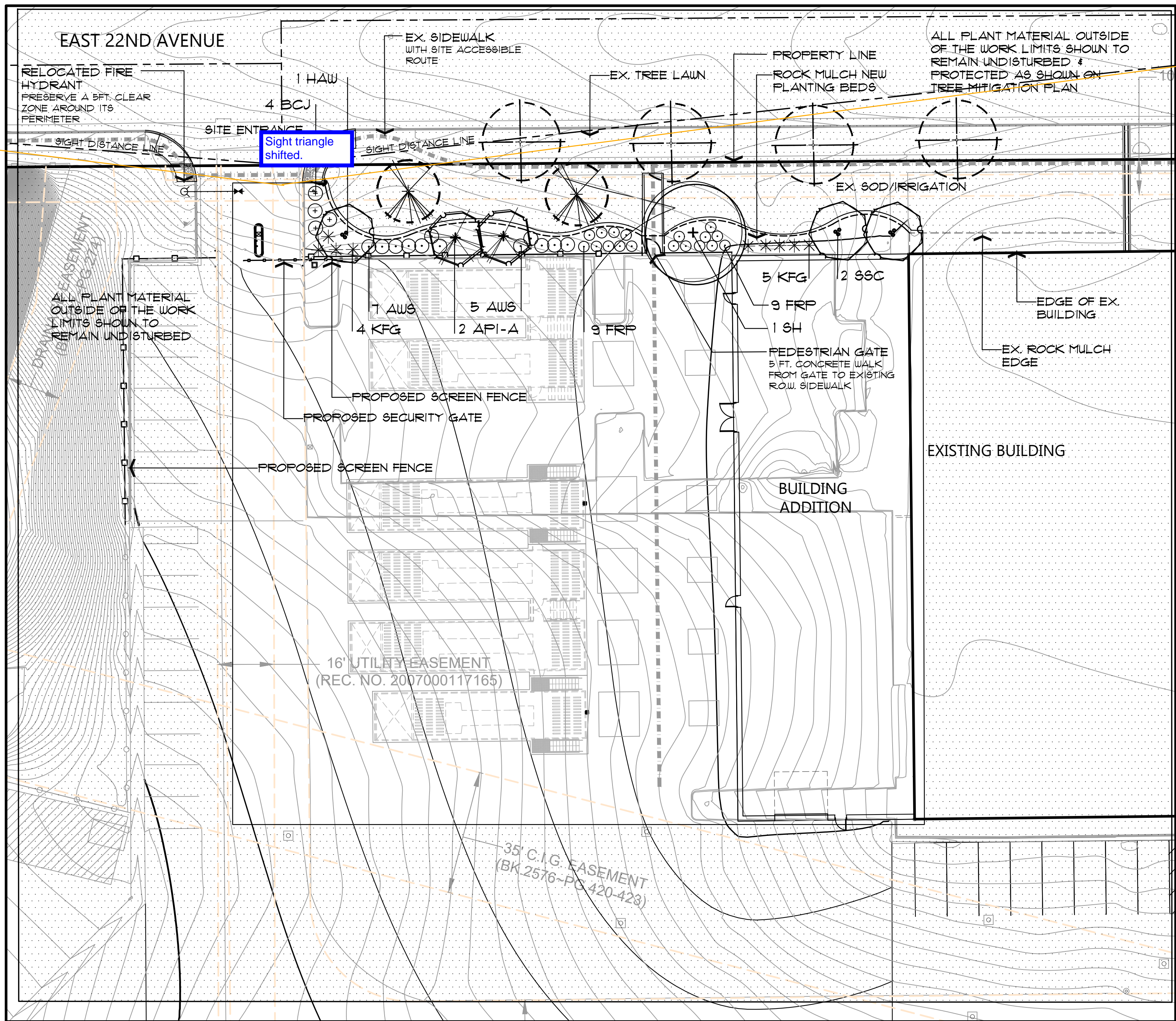
STREET PERIMETER AND NON-STREET BUFFERS

| 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)).

BUILDING PERIMETER LANDSCAPE (PUBLIC STREETS, TRANSPORTATION CORRIDORS, PUBLIC OPEN SPACE/PARKS, OR RESIDENTIAL NEIGHBORHOODS)

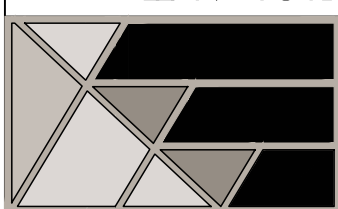
| ELEVATION (DIRECTION FACING) | BUILDING ELEVATION LENGTH | LANDSCAPE REQ. | # T.E'S REQUIRED | # TREES PROVIDED | # SHRUBS PROVIDED |
|---|---------------------------|---|------------------|------------------|-------------------|
| A NORTH- EAST 22ND AVENUE (NEW BUILDING ADDITION) | 50 LF. | 1 TE EQUIVALENT/40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



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

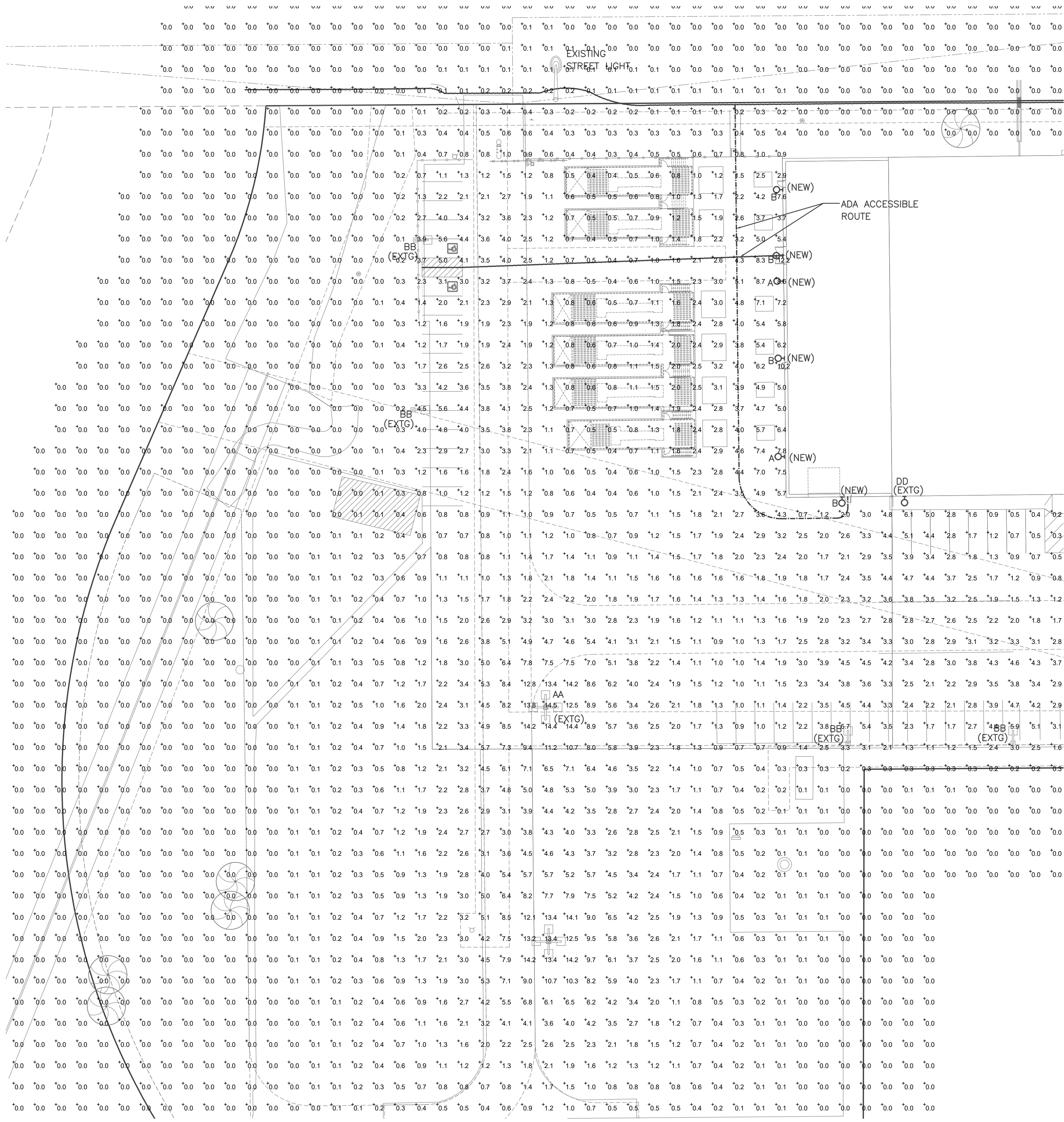
| Date: | 2020-09-25 |
|--------------|---|
| Client: | SWSG CONSTRUCTION MANAGEMENT |
| No.: | 1 |
| Description: | INITIAL SUBMITTAL RESPONSE TO CITY COMMENTS SUBMIT |

ENGINEERING
SERVICE COMPANY
14190 East Evans Avenue
Aurora, Colorado 80014
Creative Solutions Since 1954
Civil Engineers & Landscapers
P 303.337.1350
F 303.337.7481



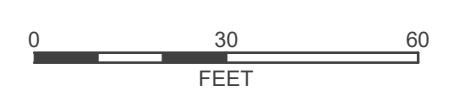
LANDSCAPE PLAN
AMENDMENT
T-MOBILE PHII SWITCH EXPANSION - SITE PLAN AMENDMENT
LOT 1, BLOCK 2 TOWER CENTER FOR INDUSTRY SUBDIVISION FILING NO. 2
SITUATED IN THE NE 1/4 OF SECTION 33, T.3S., R.66W. OF THE 6TH P.M.
COUNTY OF ADAMS, STATE OF COLORADO

| Date: | 2020-09-25 |
|------------------|------------|
| JDC Team: | JC/JRA/J |
| Engineering No.: | 00-573 |
| Scale: | |
| 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 DBX | 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@rgeinc.com

Client:
Date:
2020-09-25

Description:
INITIAL SUBMITTAL

No.:

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

14190 East Evans Avenue
Aurora, Colorado 80014
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303.337.1393
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ESU

ENGINEERING
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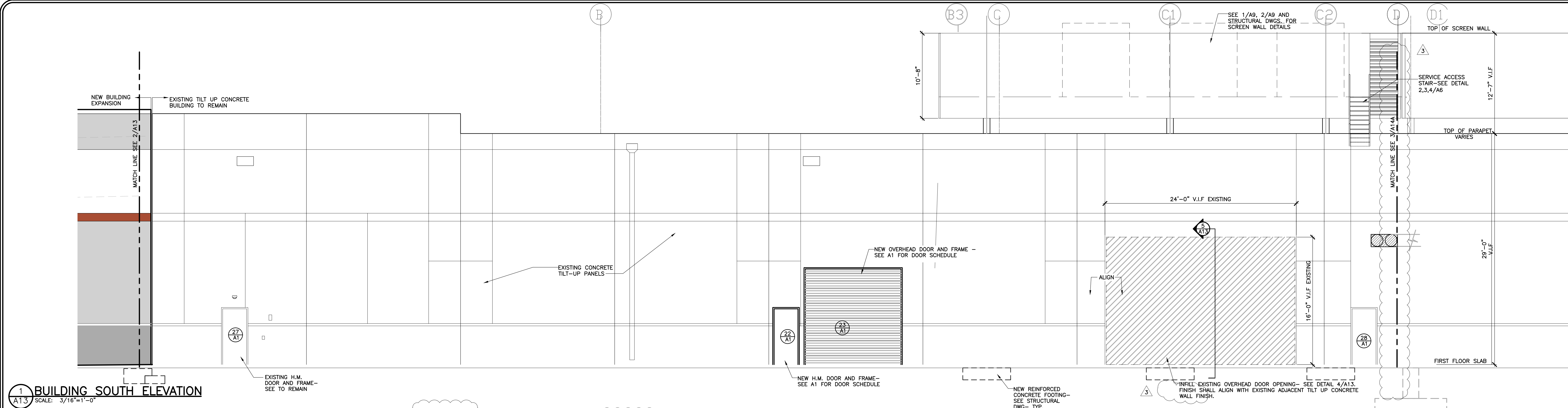
PHOTOMETRIC PLAN

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.68W. OF THE 6TH P.M.
COUNTY OF ADAMS, STATE OF COLORADO

ESU Team:
CMA, JWB
Engineering No.:
E-020-13
Sheet No.:

Date:
2020-09-25
Scale:
H: 1/2"
V: N.A.

6 OF 9



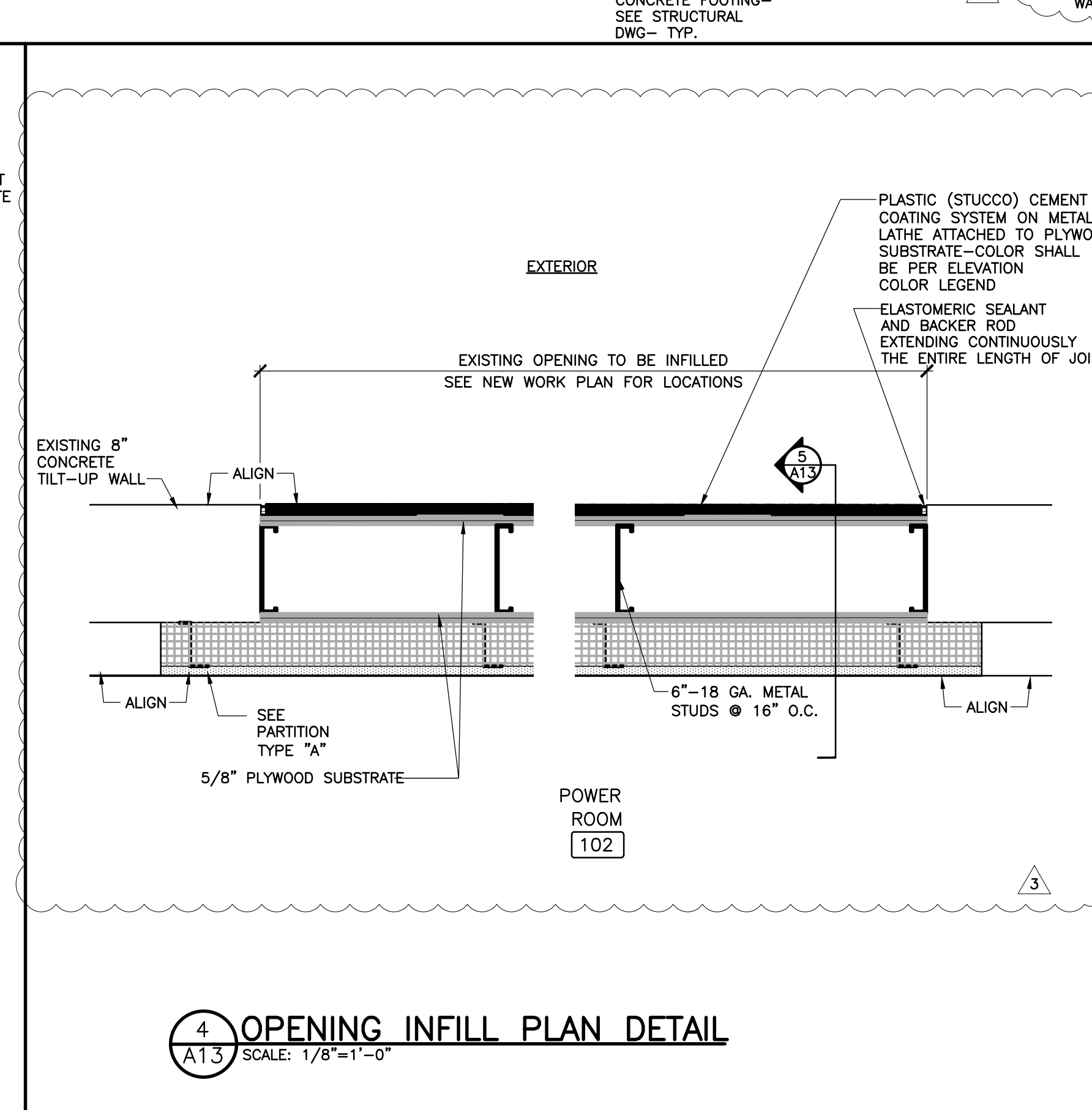
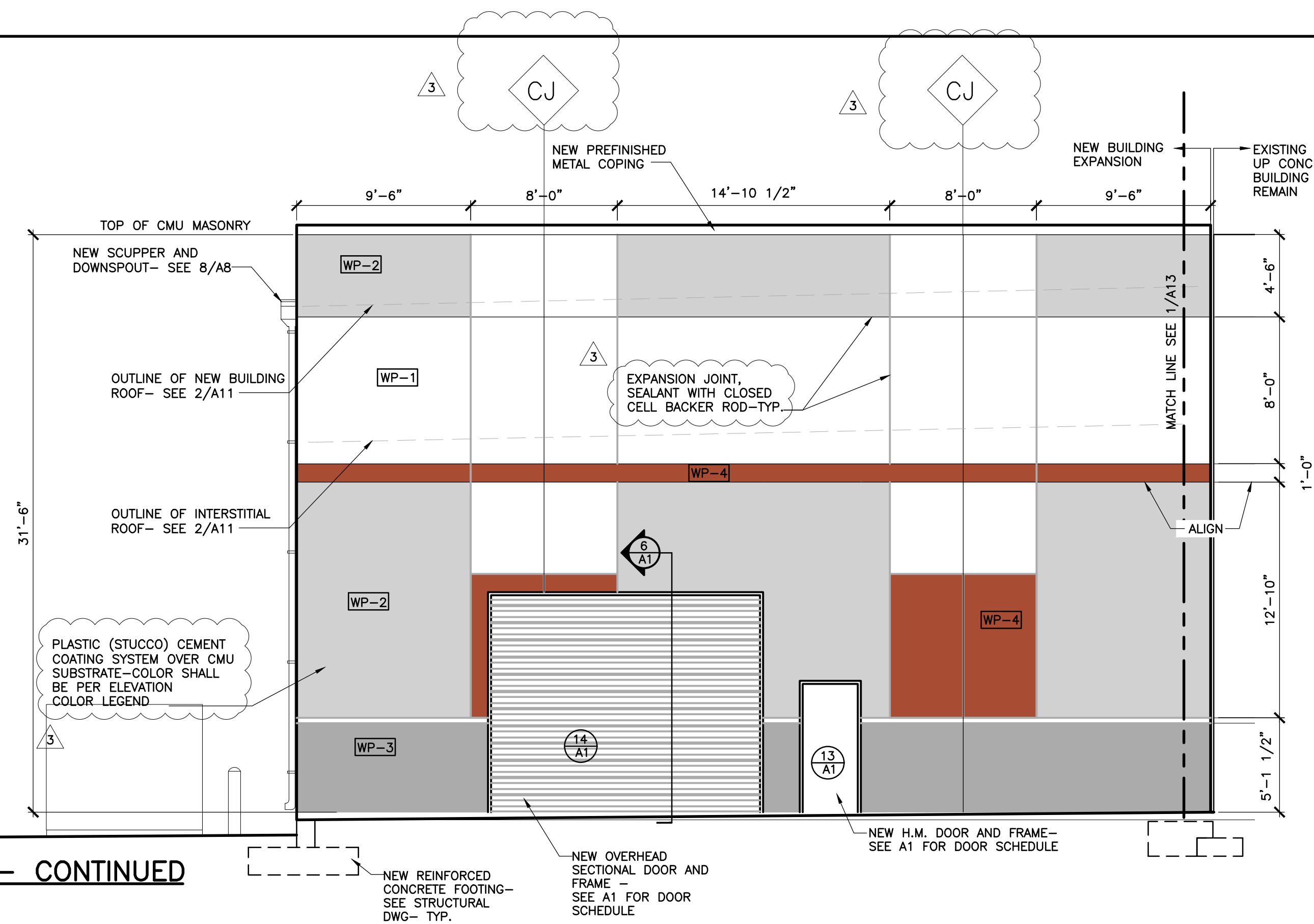
1 BUILDING SOUTH ELEVATION
A1.3 SCALE: 3/16"=1'-0"

ELEVATION COLOR LEGEND

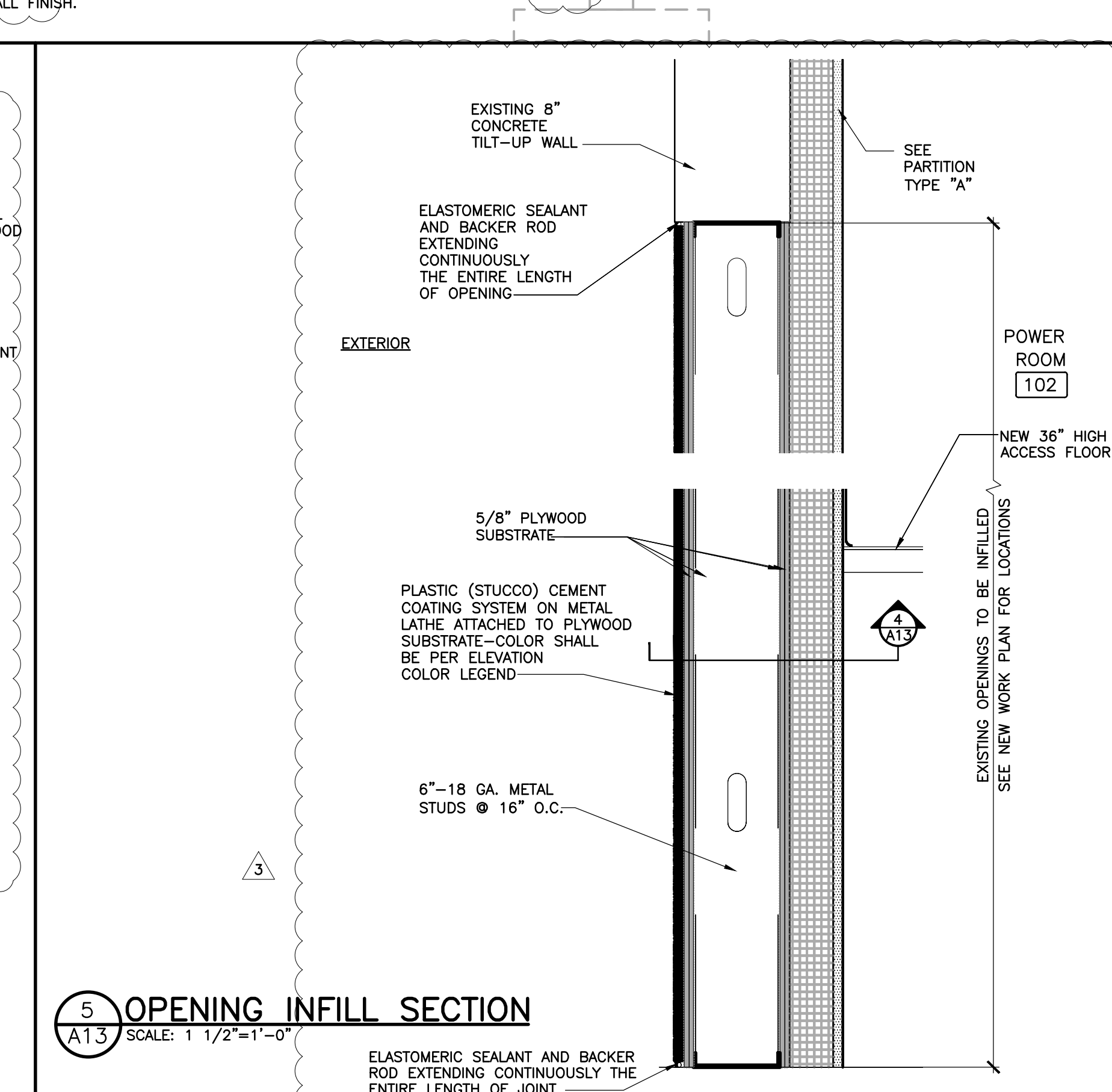
- WP-1 = SUPER WHITE #101
- WP-2= MOONLIGHT #612
- WP-3= SMOKE SIGNAL #614
- WP-4 = RED CLAY # 356

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

2 BUILDING SOUTH ELEVATION- CONTINUED
A1.3 SCALE: 3/16"=1'-0"



4 OPENING INFILL PLAN DETAIL
A1.3 SCALE: 1/8"=1'-0"



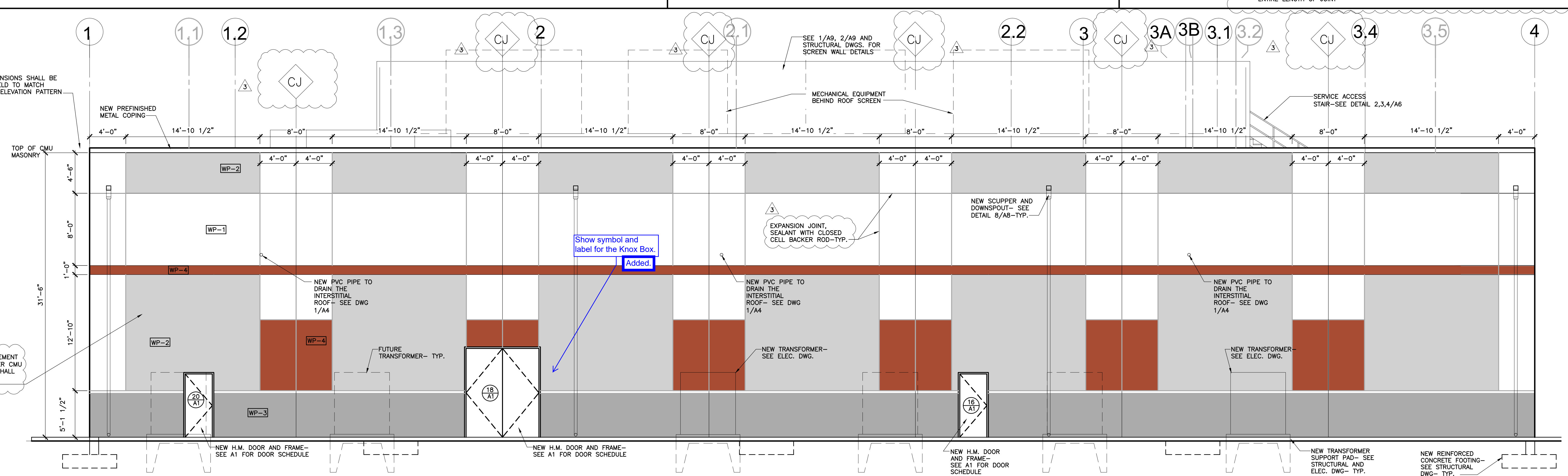
5 OPENING INFILL SECTION
A1.3 SCALE: 1 1/2"=1'-0"

ELEVATION COLOR LEGEND

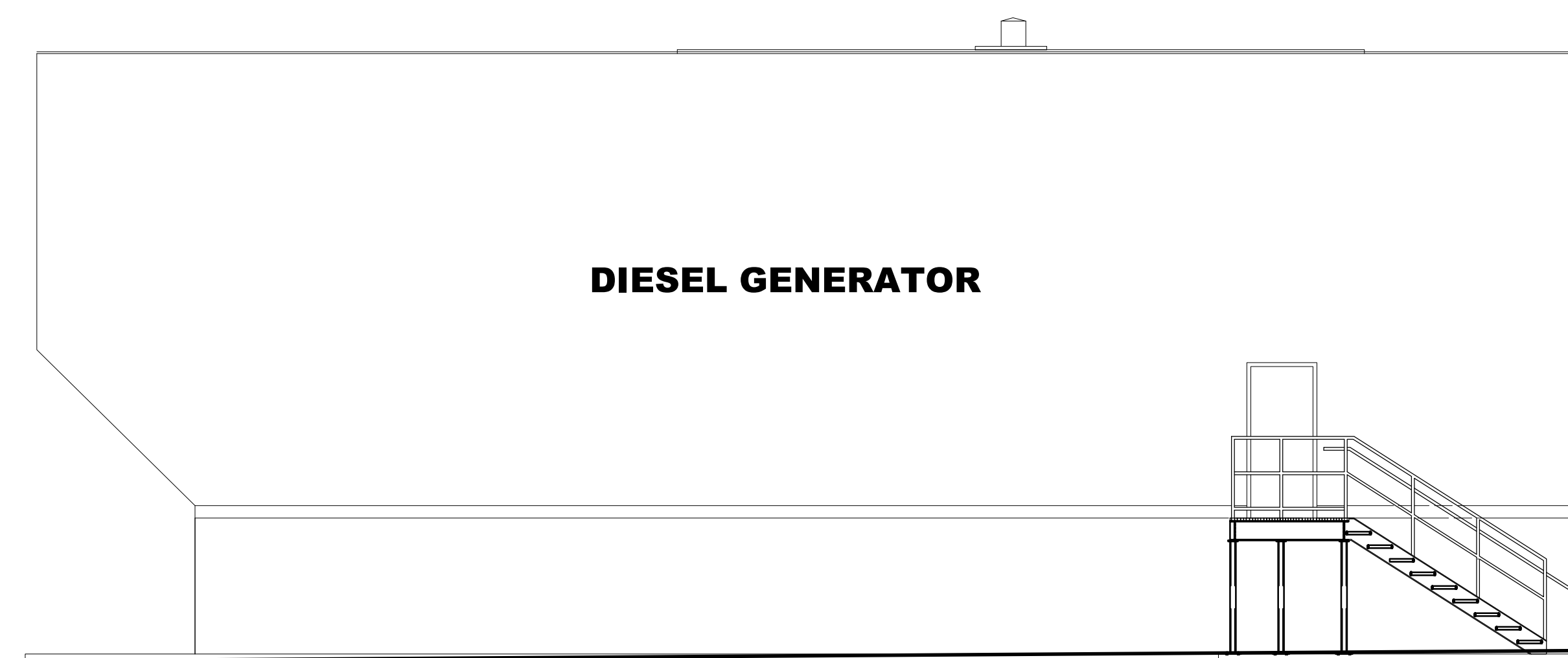
- WP-1 = SUPER WHITE #101
- WP-2= MOONLIGHT #612
- WP-3= SMOKE SIGNAL #614
- WP-4 = RED CLAY # 356

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

3 BUILDING WEST ELEVATION
A1.3 SCALE: 3/16"=1'-0"



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

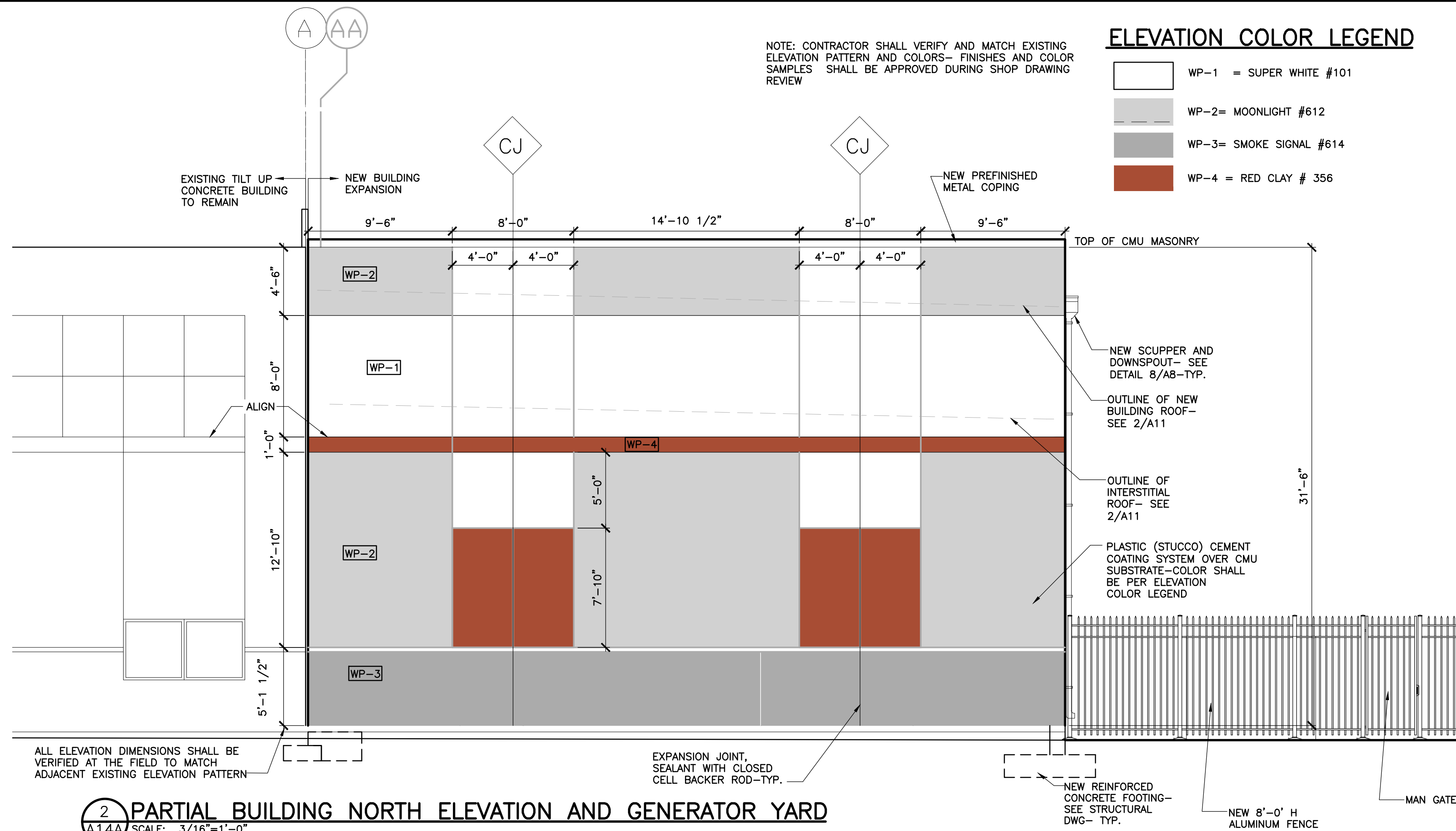
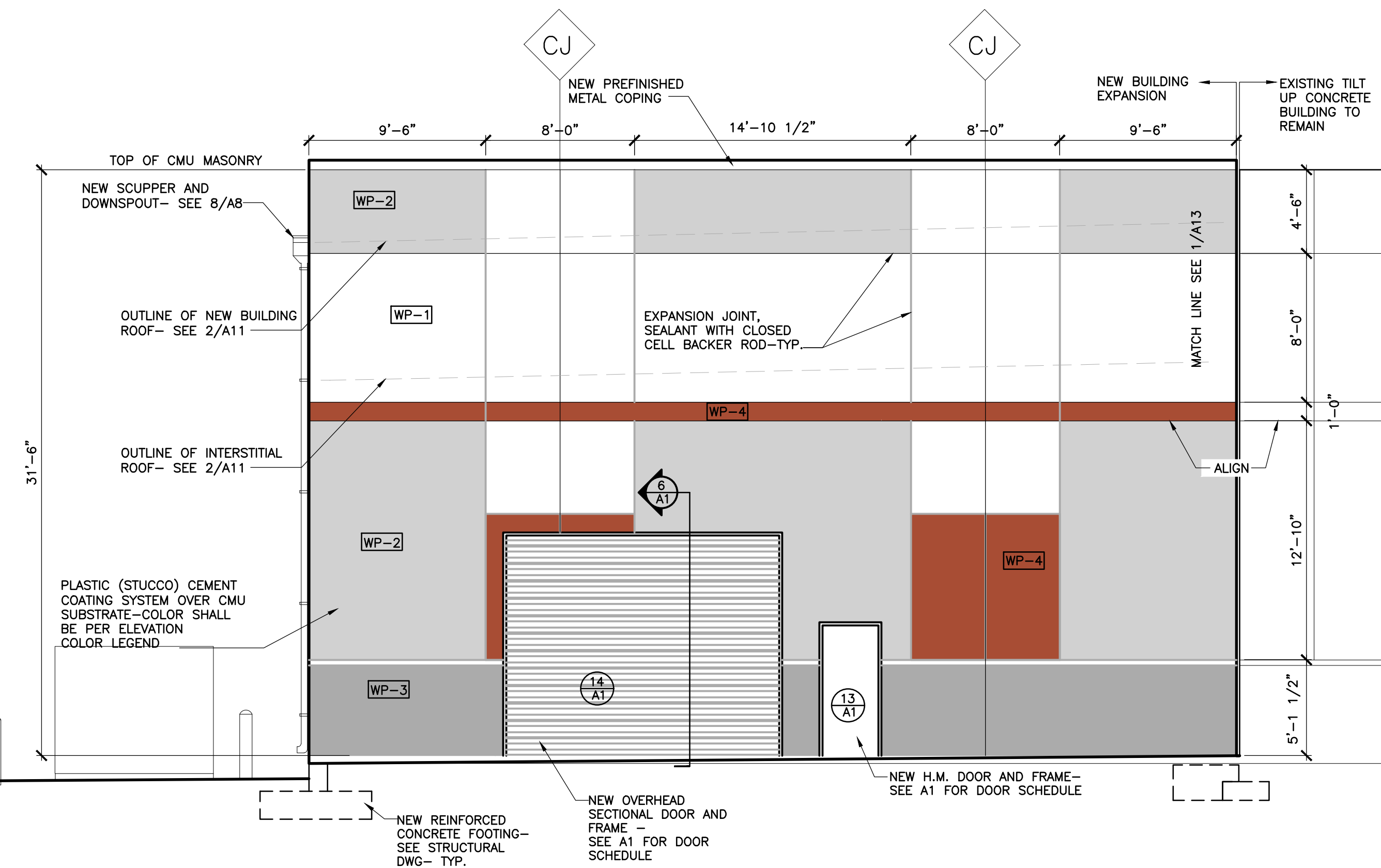


1 GENERATOR YARD AND PARTIAL BUILDING SOUTH ELEVATION
A14A SCALE: 3/16"=1'-0"

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 ELEVATIONS, PATTERN AND COLORS- FINISHES AND COLOR SAMPLES SHALL BE APPROVED DURING SHOP DRAWING REVIEW

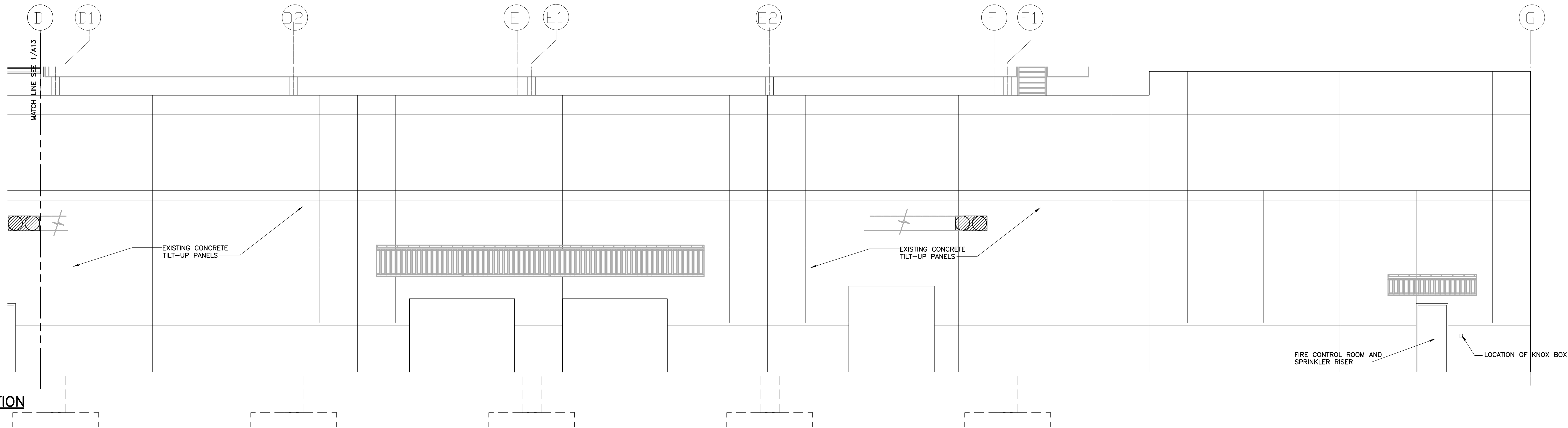


2 PARTIAL BUILDING NORTH ELEVATION AND GENERATOR YARD
A14A SCALE: 3/16"=1'-0"

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 ELEVATIONS, PATTERN AND COLORS- FINISHES AND COLOR SAMPLES SHALL BE APPROVED DURING SHOP DRAWING REVIEW



3 PARTIAL BUILDING SOUTH ELEVATION
A14A SCALE: 3/16"=1'-0"