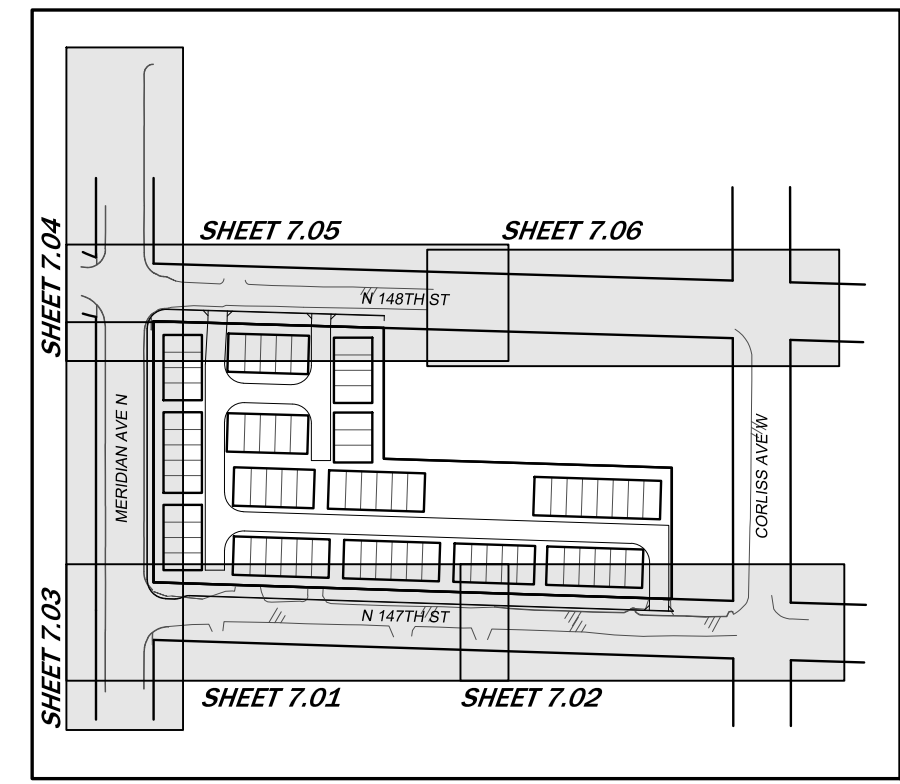
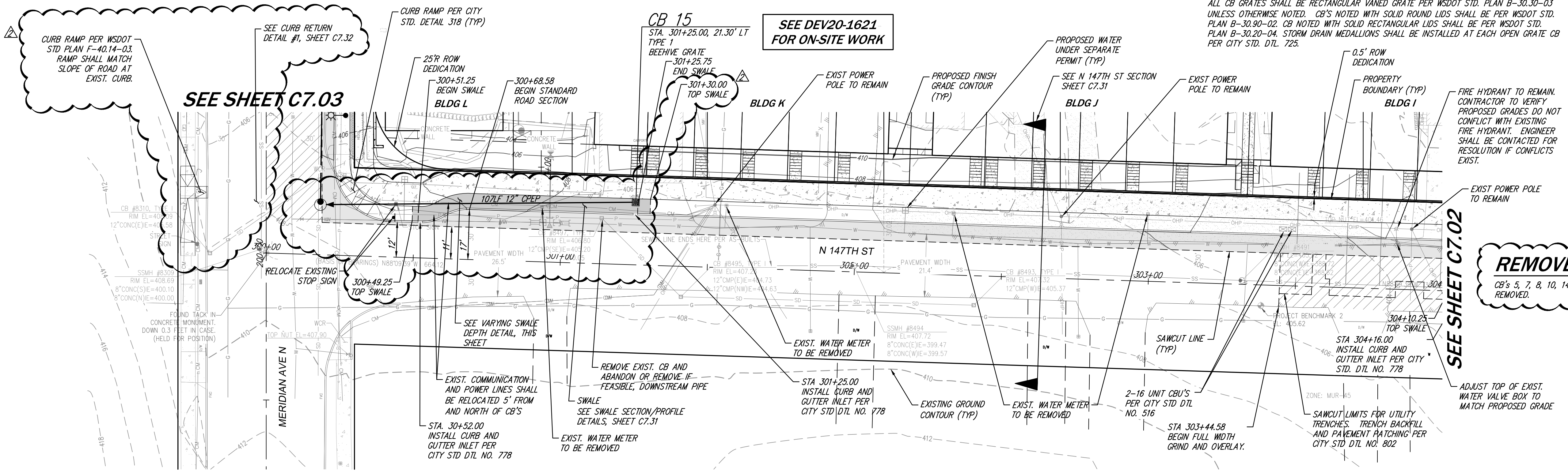


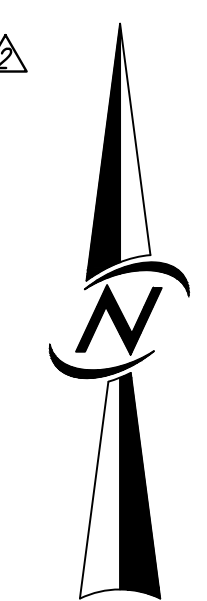
CB GRATES/RIMS AND MEDALLIONS

ALL CB GRATES SHALL BE RECTANGULAR VANED GRATE PER WSDOT STD. PLAN B-30.30-03 UNLESS OTHERWISE NOTED. CB'S NOTED WITH SOLID ROUND LIDS SHALL BE PER WSDOT STD. PLAN B-30.90-02. CB NOTED WITH SOLID RECTANGULAR LIDS SHALL BE PER WSDOT STD. PLAN B-30.20-04. STORM DRAIN MEDALLIONS SHALL BE INSTALLED AT EACH OPEN GRATE CB PER CITY STD. DTL. 725.

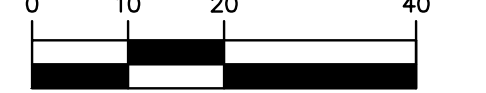


REMOVED CB'S
CB'S 5, 7, 8, 10, 14, AND 16 HAVE BEEN REMOVED.

KEY MAP



SCALE: 1" = 20'



PIPE MATERIALS, COVER, AND BEDDING

| Pipe Material | Minimum Cover (in) | Pipe Bedding Requirements |
|--|--------------------|---|
| Perforated Corrugated Polyethylene Pipe (CPEP) (smooth interior) | 24 | 5/8" minus crushed rock, compacted in 8-in lifts. |
| Non-perforated CPEP (smooth interior) | 24 | 5/8" minus crushed rock, compacted in 8-in lifts. |
| Reinforced concrete (RCP) or Polyvinylchloride (PVC - ASTM 3034) | 12 | Same as non-perforated CPEP |
| Ductile iron pipe | 6 | Same as non-perforated CPEP |
| Yard drain lines - any material | 18 | 5/8" minus crushed rock, compacted in 8-in lifts. |

DEMOLITION

SEE SITE DEVELOPMENT PLANS UNDER SEPARATE COVER FOR ABANDONMENT / REMOVAL OF EXISTING UTILITIES AND SURFACES.

GRIND AND OVERLAY REQUIREMENTS

COLD-PLANE BOTH ENDS OF THE OVERLAY PERPENDICULAR TO THE ROADWAY FOR AT LEAST 15 FEET TO PROVIDE A FLUSH TRANSITION. FOR HALF-STREET OR FULL-STREET OVERLAYS, COLD-PLANNING (GRINDING) OF THE ENTIRE PAVING AREA IS REQUIRED (CENTERLINE TO GUTTER OR GUTTER TO GUTTER). WHEN CURB AND GUTTER DOES NOT EXIST, THE NEW OVERLAY SURFACE MAY, AT THE DIRECTOR'S DISCRETION, BE TAPERED TO MEET THE ELEVATION OF ADJACENT PAVED SURFACES. ALL ASPHALT JOINTS AND TAPERED TRANSITIONS SHALL BE SEALED WITH AR4000 OR EQUIVALENT. WHERE CURB AND GUTTER DOES NOT EXIST, THE SHOULDER SHALL BE RESTORED WITH CRUSHED ROCK.

DATUM

HORIZONTAL - NAD 1983/91
VERTICAL - NAVD 88

BASIS OF BEARINGS

N88°09'39"W BETWEEN THE TWO FOUND MONUMENTS IN THE CENTERLINE OF NORTH 147TH STREET.

BENCHMARK

WGS BENCHMARK B25

ELEVATION: 436.02

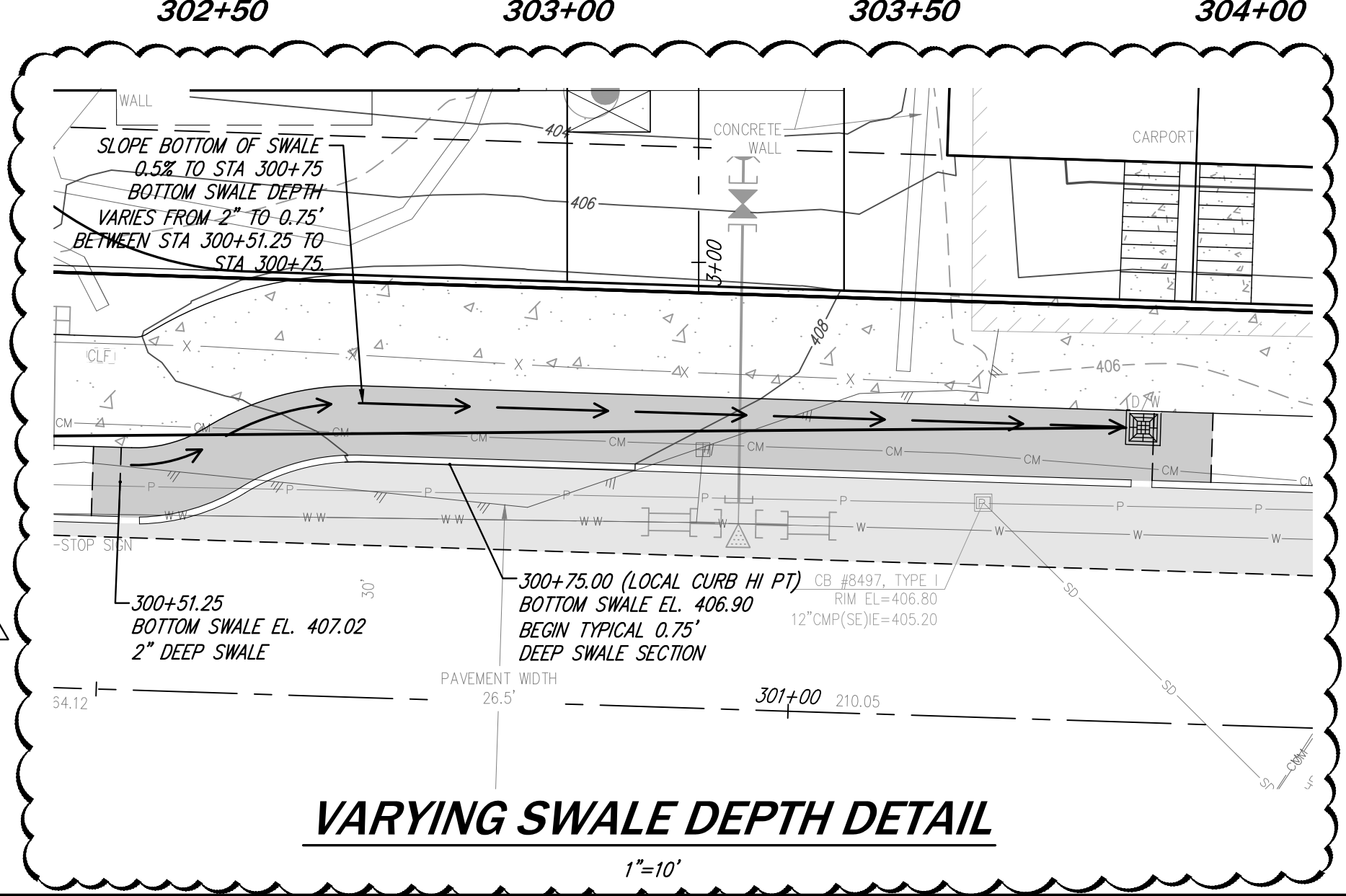
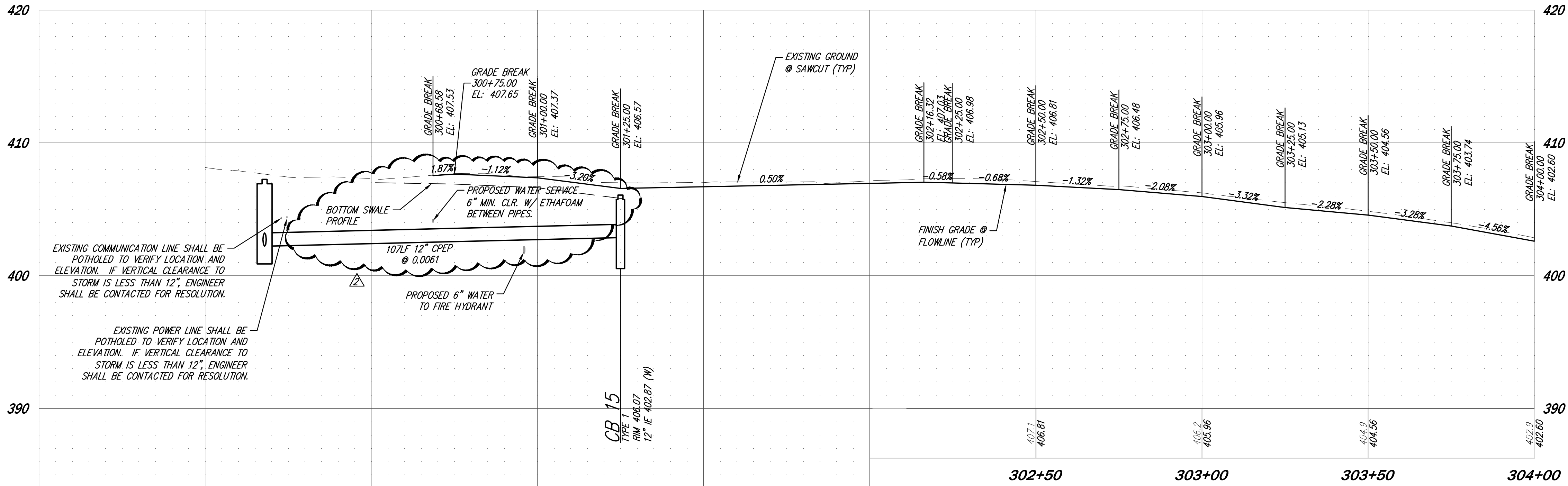
PROJECT BENCHMARKS

PROJECT BENCHMARK 1:
SET NAIL ON NORTH SIDE OF NORTH 148TH STREET
EL.: 383.66

PROJECT BENCHMARK 2:
SET NAIL ON SOUTH SIDE OF NORTH 147TH STREET
EL.: 405.62

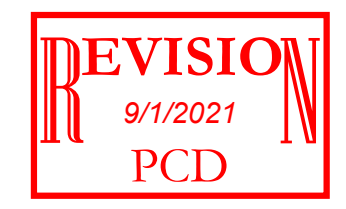
UNDERGROUND LOCATOR SERVICE
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SITE WORK WILL BE PERMITTED UNDER #DEV20-1621 ROW20-1678



VARYING SWALE DEPTH DETAIL

1" = 10'



DATE: 4/21/21
REVISED PER CITY COMMENTS: 8/13/21
REVISED PER CITY COMMENTS: 8/13/21

CIVIL ENGINEERING
LANDSCAPE ARCHITECTURE
PLANNING
SURVEYING

CORE DESIGN

12100 NE 195th St, Suite 300, Bothell, Washington 98011, 425.865.7877

FRONTAGE - N 147TH ST
5 DEGREES
PULTE HOMES OF WASHINGTON, INC.
3535 FACILORIA BLVD SE, #600
BELLEVUE, WA 98006

DATE: 9/1/2021
DESIGNED: GINA R. BROOKS
DRAWN: MARY MOORE
APPROVED: GINA R. BROOKS, P.E.
PROJECT MANAGER: GINA R. BROOKS, P.E.

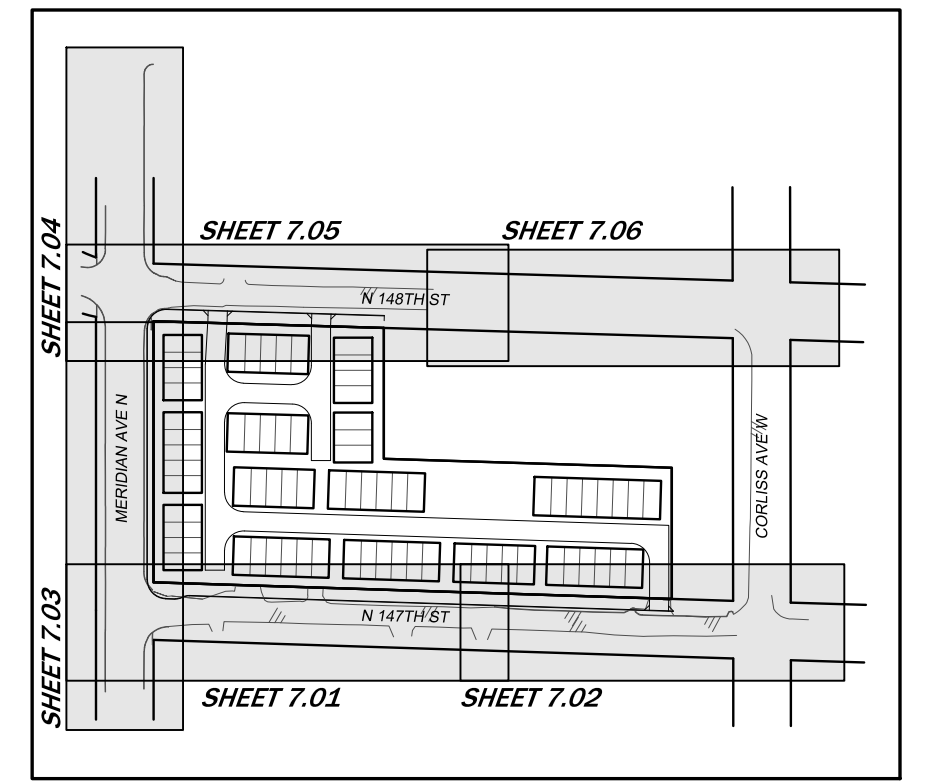
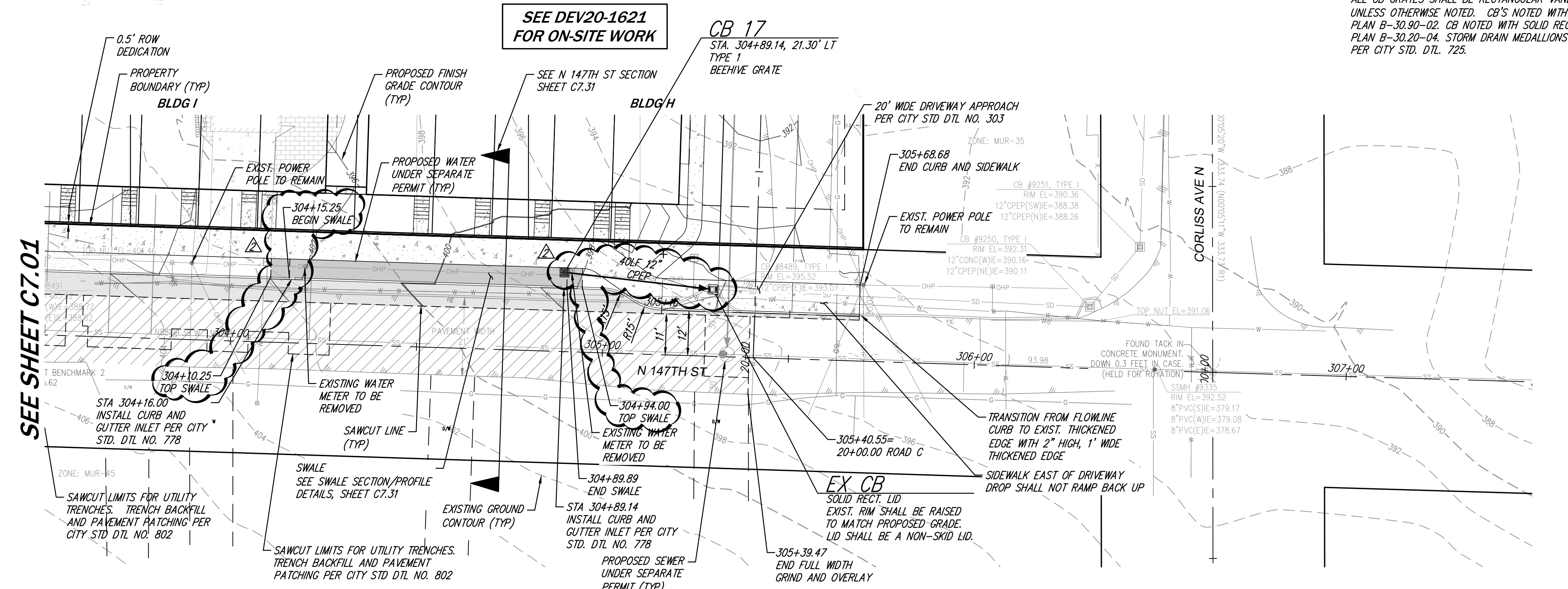
SHEET: **C7.01**
PROJECT NUMBER: **19133**

ROW20-1678

8/12/2021 8:59 AM J:\2019\19133\ENGINEERING\FINAL SHEETS\FRONTAGE IMPROVEMENT PLANS\19133_C7.01.DWG

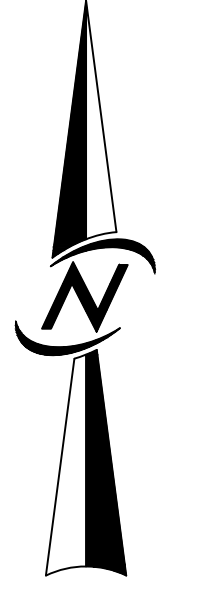
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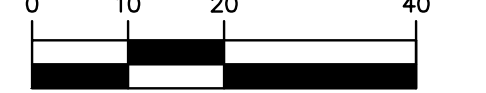


KEY MAP

REMOVED CB'S
CB'S 5, 7, 8, 10, 14, AND 16 HAVE BEEN REMOVED.



SCALE: 1" = 20'



PIPE MATERIALS, COVER, AND BEDDING

Table with 3 columns: Pipe Material, Minimum Cover (in), and Pipe Bedding Requirements. Lists materials like Perforated Corrugated Polyethylene Pipe, Non-perforated CPEP, Reinforced concrete (RCP), etc.

DEMOLITION

SEE SITE DEVELOPMENT PLANS UNDER SEPARATE COVER FOR ABANDONMENT / REMOVAL OF EXISTING UTILITIES AND SURFACES.

GRIND AND OVERLAY REQUIREMENTS

COLD-PLANE BOTH ENDS OF THE OVERLAY PERPENDICULAR TO THE ROADWAY FOR AT LEAST 15 FEET TO PROVIDE A FLUSH TRANSITION. FOR HALF-STREET OR FULL-STREET OVERLAYS, COLD-PLANNING (GRINDING) OF THE ENTIRE PAVING AREA IS REQUIRED...

DATUM

HORIZONTAL-NAVD 1983/91
VERTICAL-NAVD 88

BASIS OF BEARINGS

N88°09'39"W BETWEEN THE TWO FOUND MONUMENTS IN THE CENTERLINE OF NORTH 147TH STREET.

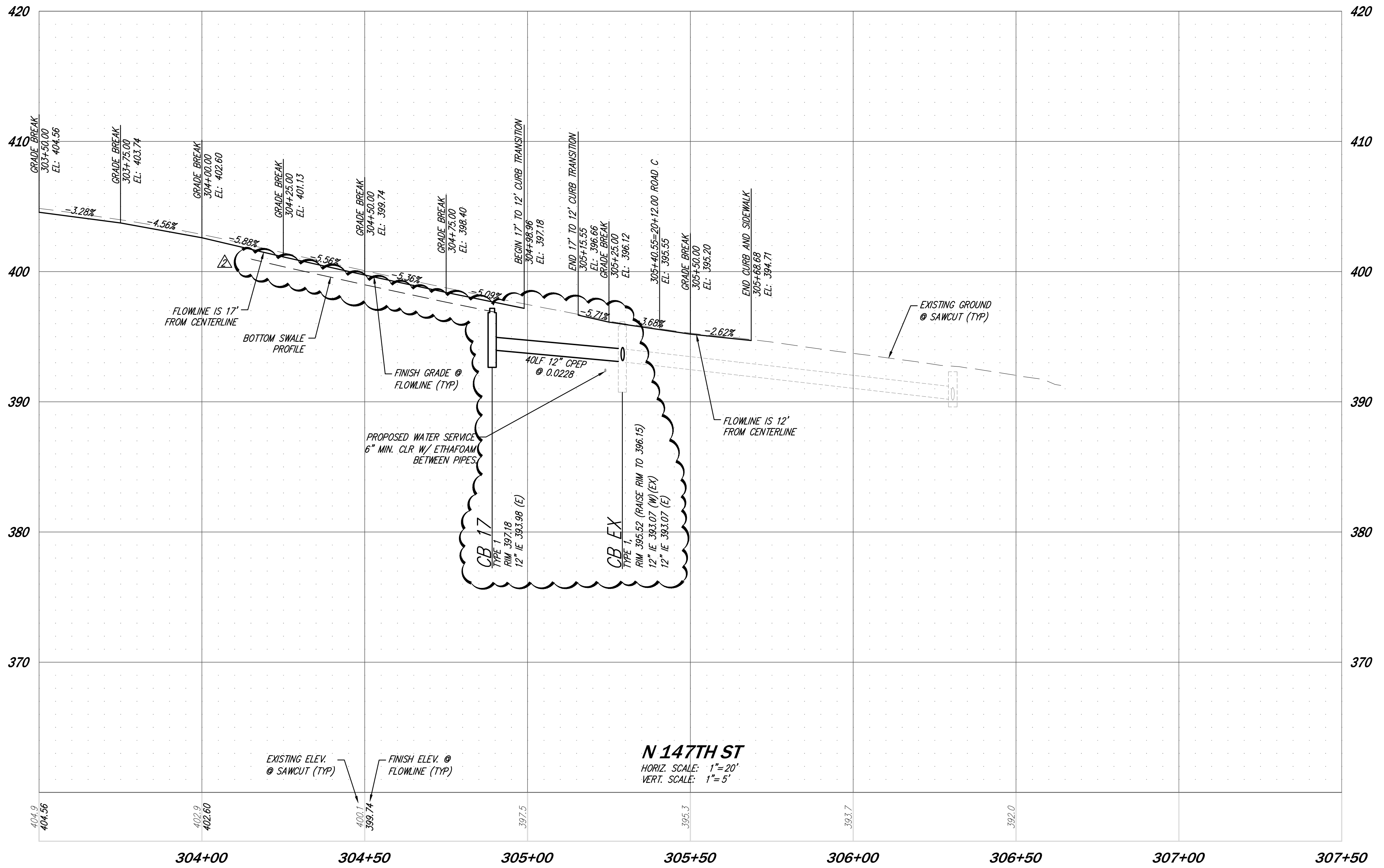
BENCHMARK

WGS BENCHMARK B25
ELEVATION: 436.02

PROJECT BENCHMARKS

PROJECT BENCHMARK 1:
SET NAIL ON NORTH SIDE OF NORTH 148TH STREET
EL: 383.66
PROJECT BENCHMARK 2:
SET NAIL ON SOUTH SIDE OF NORTH 147TH STREET
EL: 405.62

UNDERGROUND LOCATOR SERVICE
CALL BEFORE YOU DIG!
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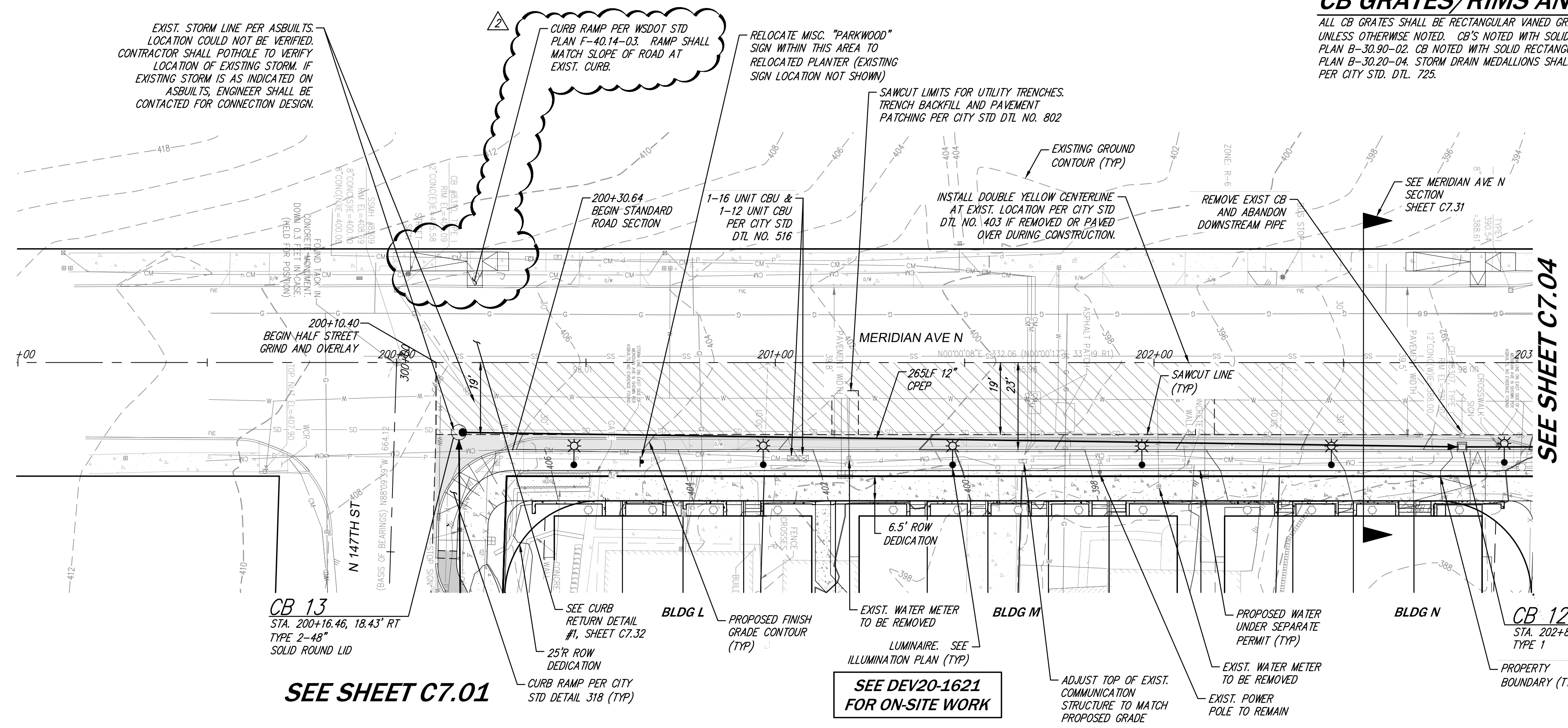


8/12/2021 8:59 AM J:\2019\19133\ENGINEERING\FINAL SHEETS\FRONTAGE IMPROVEMENT PLANS\19133_C7.01.DWG

Vertical sidebar containing: REVISIONS table, PROFESSIONAL ENGINEER seal for Gina R. Brooks, CORE DESIGN logo, and project information: FRONTAGE - N 147TH ST 5 DEGREES, PULTE HOMES OF WASHINGTON, INC., SHEET C7.02, PROJECT NUMBER 19133, ROW20-1678.

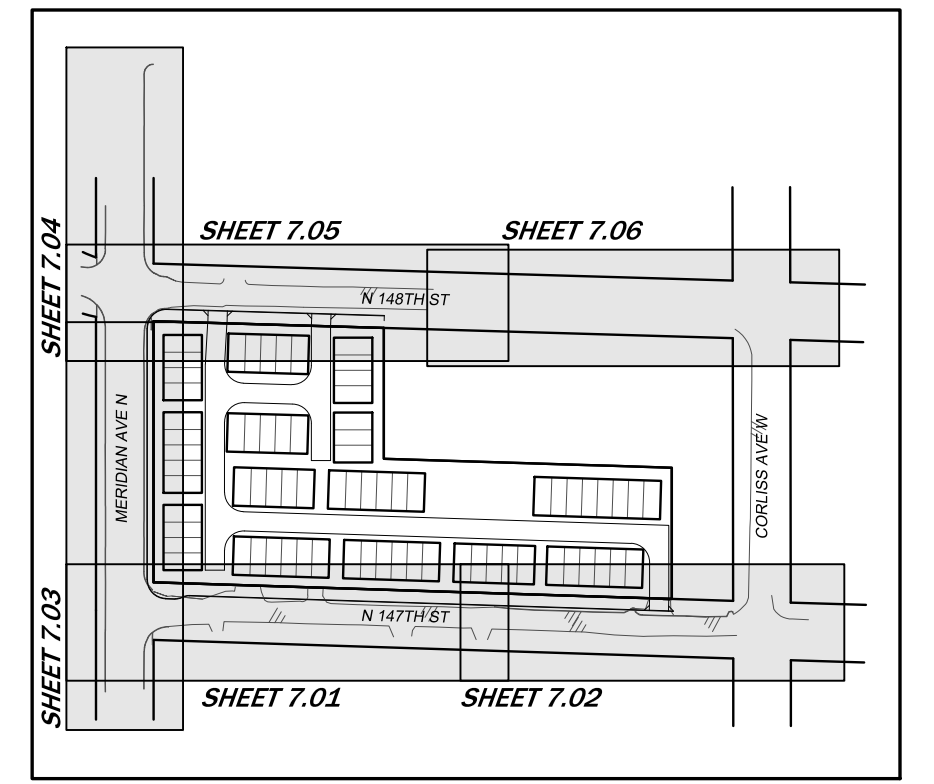
REVISION
9/1/2021
PCD

SITE WORK WILL BE PERMITTED UNDER #DEV20-1621 ROW20-1678

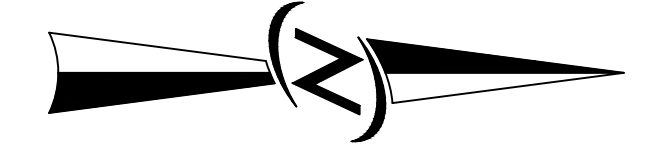


CB GRATES/RIMS AND MEDALLIONS

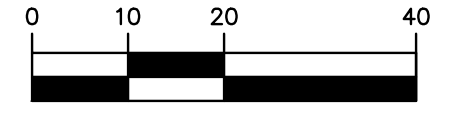
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KEY MAP

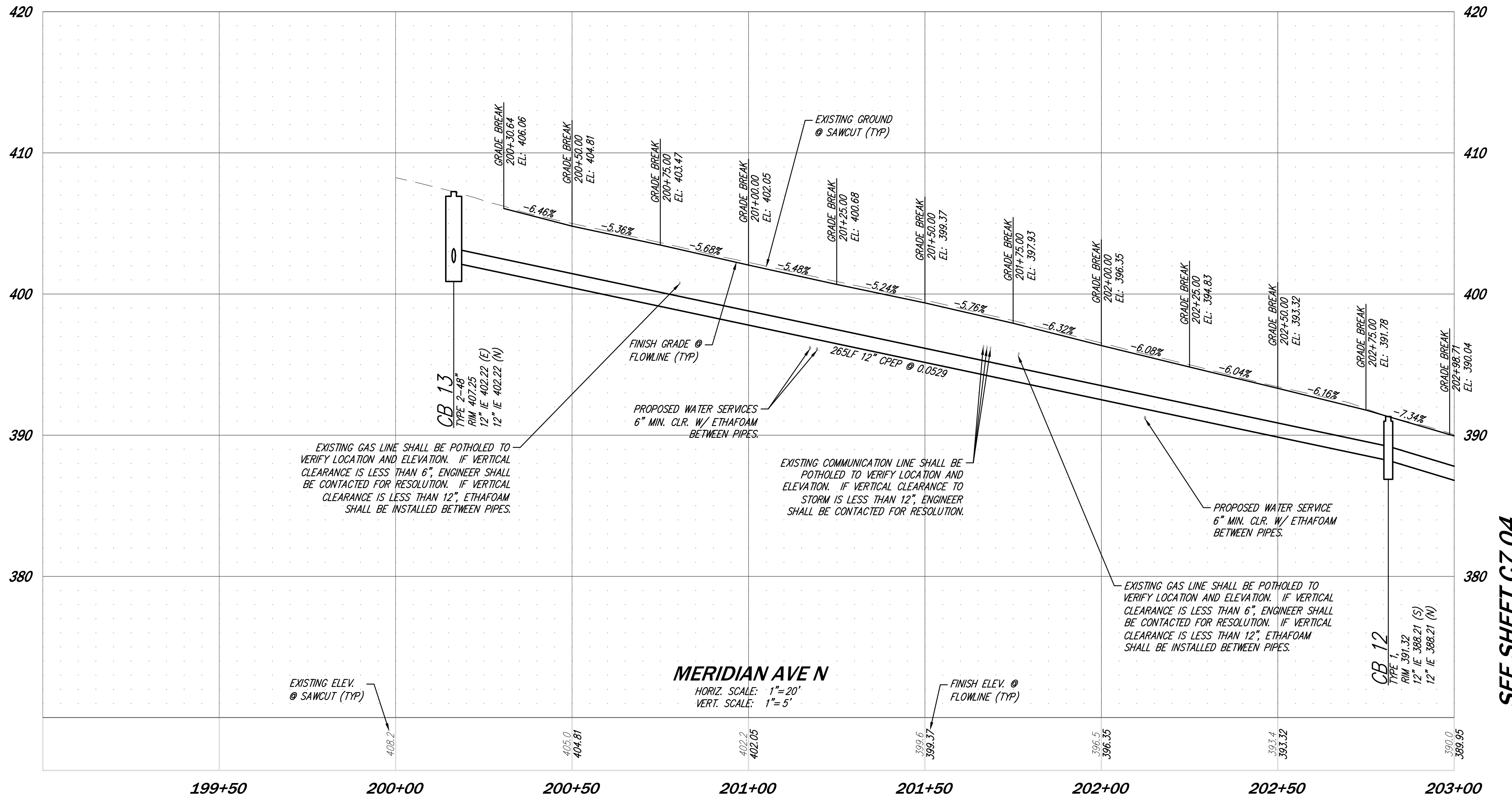


SCALE: 1" = 20'



PIPE MATERIALS, COVER, AND BEDDING

| Pipe Material | Minimum Cover (in) | Pipe Bedding Requirements |
|--|--------------------|---|
| Perforated Corrugated Polyethylene Pipe (CPEP) (smooth interior) | 24 | 5/8" minus crushed rock, compacted in 8-in lifts. |
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| Reinforced concrete (RCP) or Polyvinylchloride (PVC - ASTM 3034) | 12 | Same as non-perforated CPEP |
| Ductile iron pipe | 6 | Same as non-perforated CPEP |
| Yard drain lines - any material | 18 | 5/8" minus crushed rock, compacted in 8-in lifts. |



SEE SHEET C7.04

DEMOLITION

SEE SITE DEVELOPMENT PLANS UNDER SEPARATE COVER FOR ABANDONMENT / REMOVAL OF EXISTING UTILITIES AND SURFACES.

GRIND AND OVERLAY REQUIREMENTS

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DATUM

HORIZONTAL - NAD 1983/91
VERTICAL - NAVD 88

BASIS OF BEARINGS

N88°09'39"W BETWEEN THE TWO FOUND MONUMENTS IN THE CENTERLINE OF NORTH 147TH STREET.

BENCHMARK

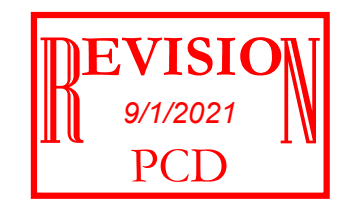
WGS BENCHMARK B25
ELEVATION: 436.02

PROJECT BENCHMARKS

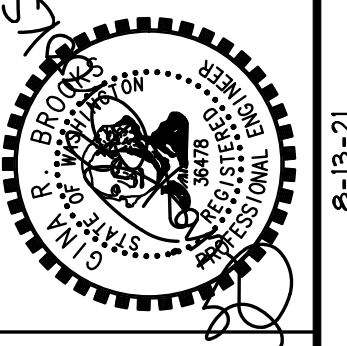
PROJECT BENCHMARK 1:
SET NAIL ON NORTH SIDE OF NORTH 148TH STREET
EL: 383.66
PROJECT BENCHMARK 2:
SET NAIL ON SOUTH SIDE OF NORTH 147TH STREET
EL: 405.62

UNDERGROUND LOCATOR SERVICE
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SITE WORK WILL BE PERMITTED UNDER #DEV20-1621 ROW20-1678



| DATE | REVISIONS |
|---------|---------------------------|
| 4/21/21 | REVISED PER CITY COMMENTS |
| 8/13/21 | REVISED PER CITY COMMENTS |



CIVIL ENGINEERING
LANDSCAPE ARCHITECTURE
PLANNING
SURVEYING

CORE DESIGN

12100 NE 195th St, Suite 300
Bellevue, Washington 98011
425.865.2877

**FRONTAGE - MERIDIAN AVE N
5 DEGREES**

PULTE HOMES OF WASHINGTON, INC.
3535 FACIOLIA BLVD SE, #600
BELLEVUE, WA 98006

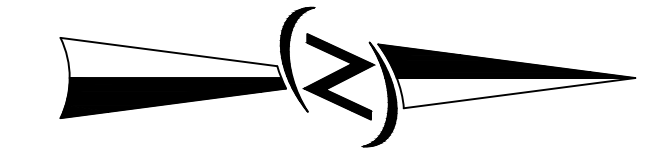
| DATE | SEE STAMP DATE |
|-----------------|----------------------|
| DESIGNED | GINA R. BROOKS |
| DRAWN | MARY MOORE |
| APPROVED | GINA R. BROOKS, P.E. |
| PROJECT MANAGER | GINA R. BROOKS, P.E. |

SHEET **C7.03**
PROJECT NUMBER **19133**

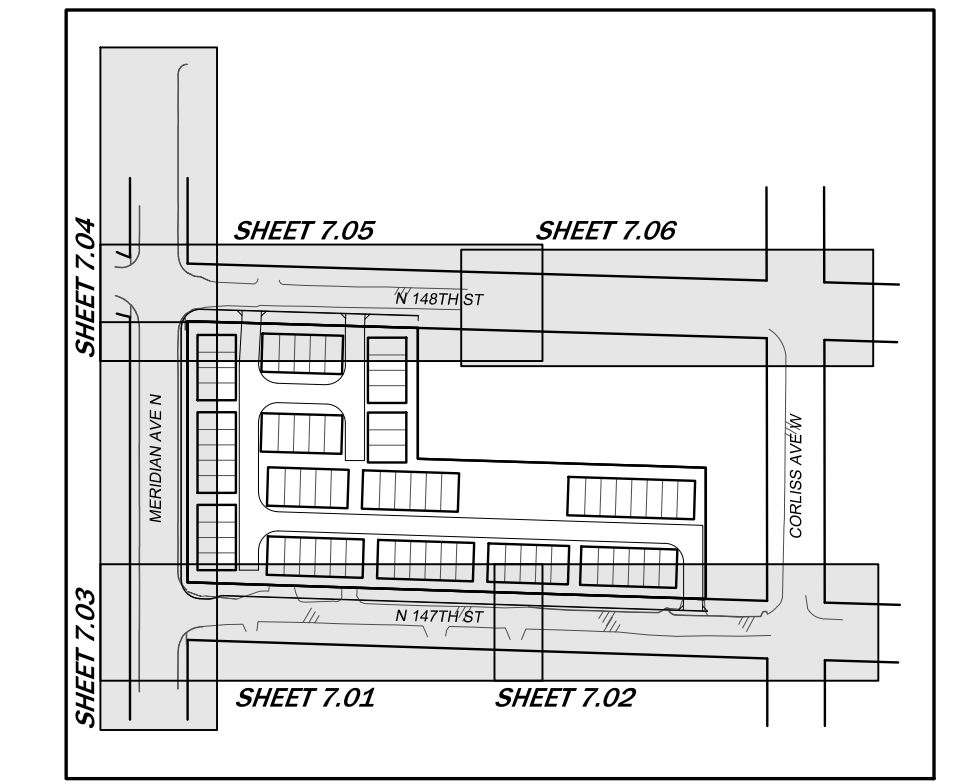
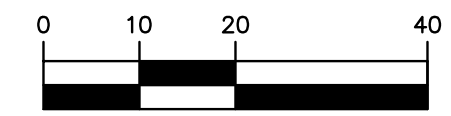
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CB GRATES/RIMS AND MEDALLIONS

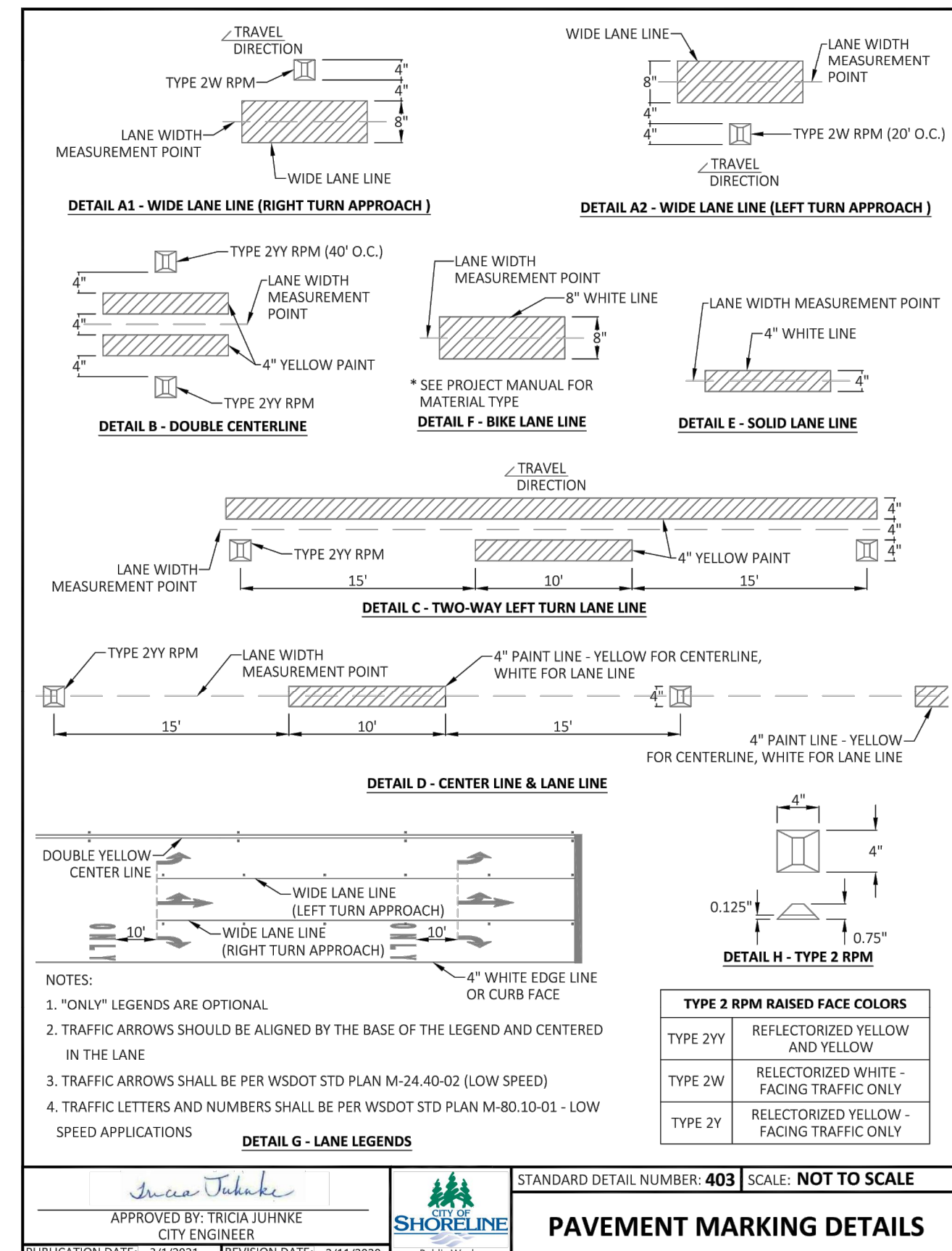
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SCALE: 1" = 20'



KEY MAP



TYPE 2 RPM RAISED FACE COLORS

| | |
|---------|--|
| TYPE 2Y | REFLECTORIZED YELLOW AND YELLOW |
| TYPE 2W | REFLECTORIZED WHITE - FACING TRAFFIC ONLY |
| TYPE 2Z | REFLECTORIZED YELLOW - FACING TRAFFIC ONLY |

NOTES:
 1. "ONLY" LEGENDS ARE OPTIONAL
 2. TRAFFIC ARROWS SHOULD BE ALIGNED BY THE BASE OF THE LEGEND AND CENTERED IN THE LANE
 3. TRAFFIC ARROWS SHALL BE PER WSDOT STD PLAN M-24.40-02 (LOW SPEED)
 4. TRAFFIC LETTERS AND NUMBERS SHALL BE PER WSDOT STD PLAN M-80.10-01 - LOW SPEED APPLICATIONS

STANDARD DETAIL NUMBER: 403 SCALE: NOT TO SCALE

APPROVED BY: TRICIA LUKWIK
 CITY ENGINEER

PUBLICATION DATE: 3/1/2001 REVISION DATE: 3/1/2000

PIPE MATERIALS, COVER, AND BEDDING

| Pipe Material | Minimum Cover (in) | Pipe Bedding Requirements |
|--|--------------------|---|
| Perforated Corrugated Polyethylene Pipe (CPEP) (smooth interior) | 24 | 5/8" minus crushed rock, compacted in 8-in lifts. |
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| Ductile iron pipe | 6 | Same as non-perforated CPEP |
| Yard drain lines - any material | 18 | 5/8" minus crushed rock, compacted in 8-in lifts. |

DEMOLITION

SEE SITE DEVELOPMENT PLANS UNDER SEPARATE COVER FOR ABANDONMENT / REMOVAL OF EXISTING UTILITIES AND SURFACES.

GRIND AND OVERLAY REQUIREMENTS

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DATUM

HORIZONTAL - NAD 1983/91
 VERTICAL - NAVD 88

BASIS OF BEARINGS

N88°09'39"W BETWEEN THE TWO FOUND MONUMENTS IN THE CENTERLINE OF NORTH 147TH STREET.

BENCHMARK

WGS BENCHMARK B25

ELEVATION: 436.02

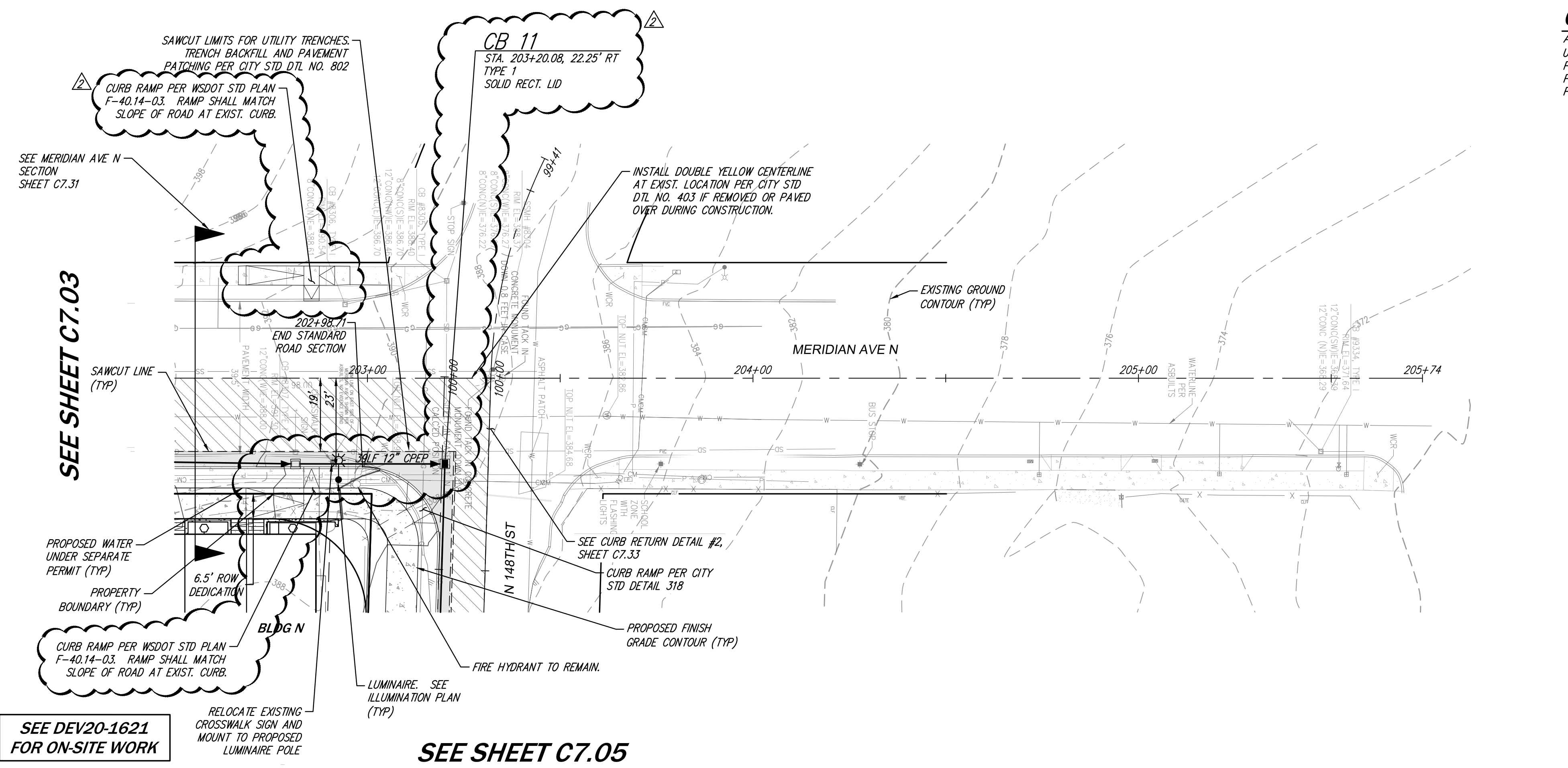
PROJECT BENCHMARKS

PROJECT BENCHMARK 1:
 SET NAIL ON NORTH SIDE OF NORTH 148TH STREET
 EL: 383.66

PROJECT BENCHMARK 2:
 SET NAIL ON SOUTH SIDE OF NORTH 147TH STREET
 EL: 405.62

UNDERGROUND LOCATOR SERVICE
 CALL BEFORE YOU DIG!
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SITE WORK WILL BE PERMITTED UNDER #DEV20-1621
ROW20-1678

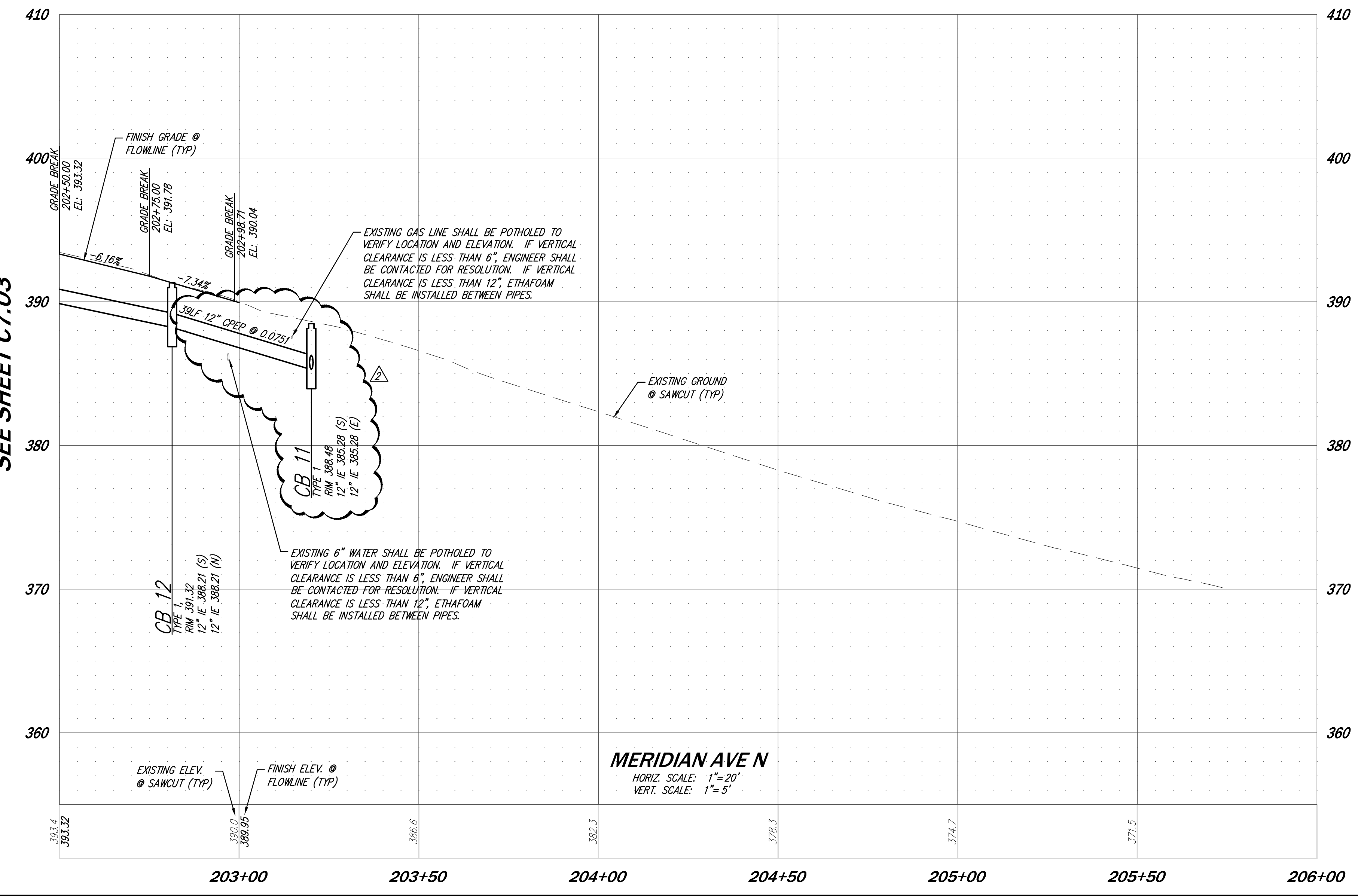


SEE SHEET C7.05

SEE DEV20-1621 FOR ON-SITE WORK

SEE SHEET C7.03

SEE MERIDIAN AVE N SECTION SHEET C7.31



MERIDIAN AVE N
 HORIZ. SCALE: 1"=20'
 VERT. SCALE: 1"=5'

REVISION
 9/1/2021
 PCD

| DATE | REVISIONS |
|---------|---------------------------|
| 4/21/21 | REVISED PER CITY COMMENTS |
| 8/13/21 | REVISED PER CITY COMMENTS |

CIVIL ENGINEERING
 LANDSCAPE ARCHITECTURE
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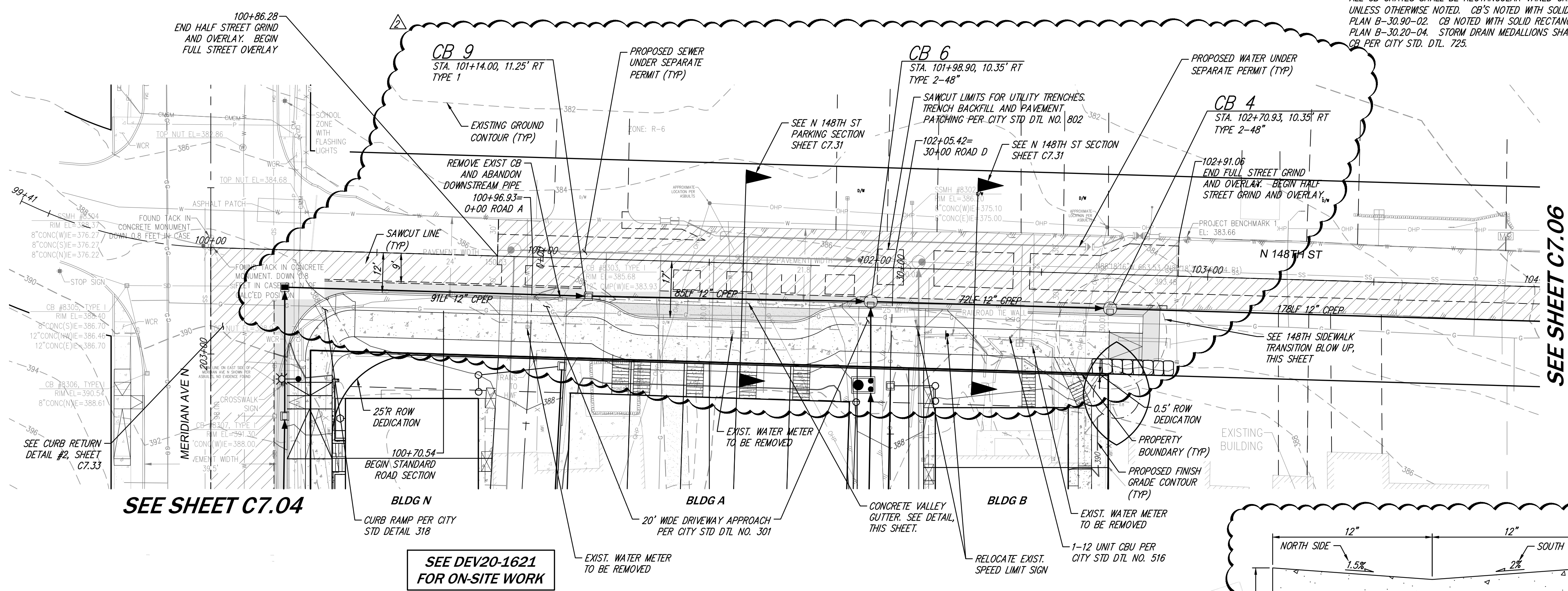
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5 DEGREES
PULTE HOMES OF WASHINGTON, INC.
 3535 FACIOLIA BLVD SE, #600
 BELLEVUE, WA 98006

| DATE | SEE STAMP DATE |
|----------|----------------------|
| DESIGNED | GINA R. BROOKS |
| DRAWN | MARY MOORE |
| APPROVED | GINA R. BROOKS, P.E. |
| | GINA R. BROOKS, P.E. |
| | PROJECT MANAGER |

SHEET **C7.04**
 PROJECT NUMBER **19133**

CB GRATES/RIMS AND MEDALLIONS

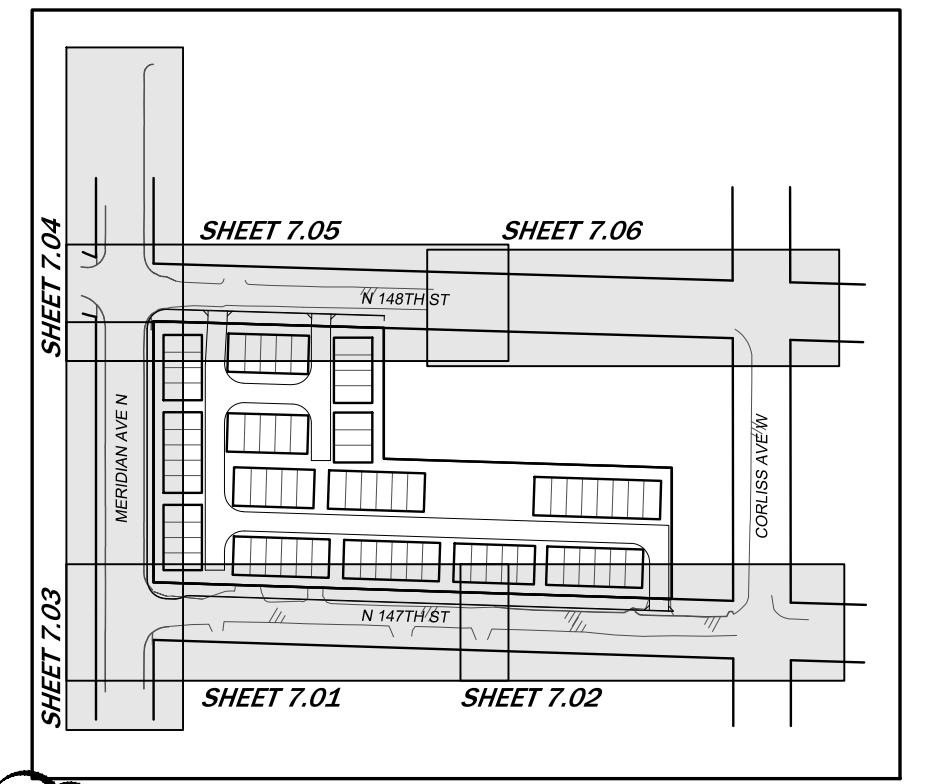
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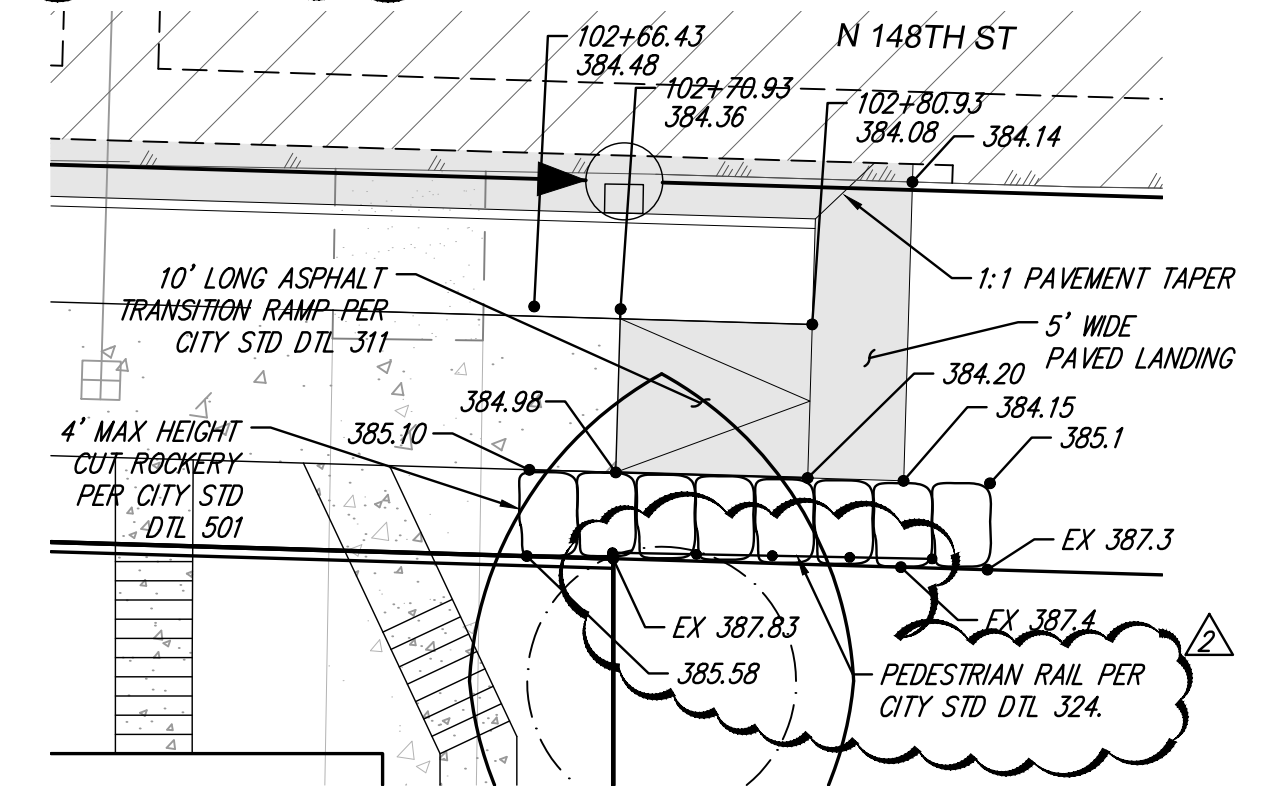
SEE SHEET C7.06

SEE SHEET C7.04

SEE DEV20-1621 FOR ON-SITE WORK



REMOVED CB'S
CB'S 5, 7, 8, 10, 14, AND 16 HAVE BEEN REMOVED.

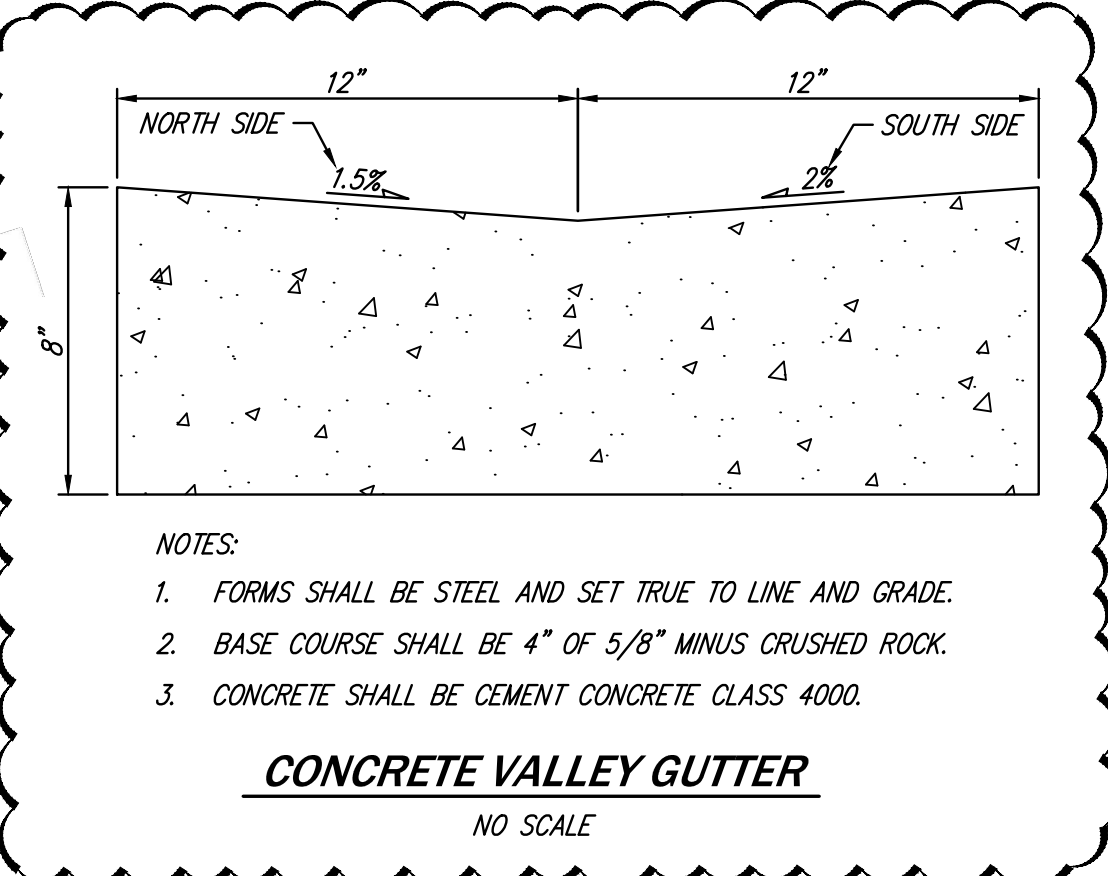


148TH SIDEWALK TRANSITION

SCALE: 1" = 10'

PIPE MATERIALS, COVER, AND BEDDING

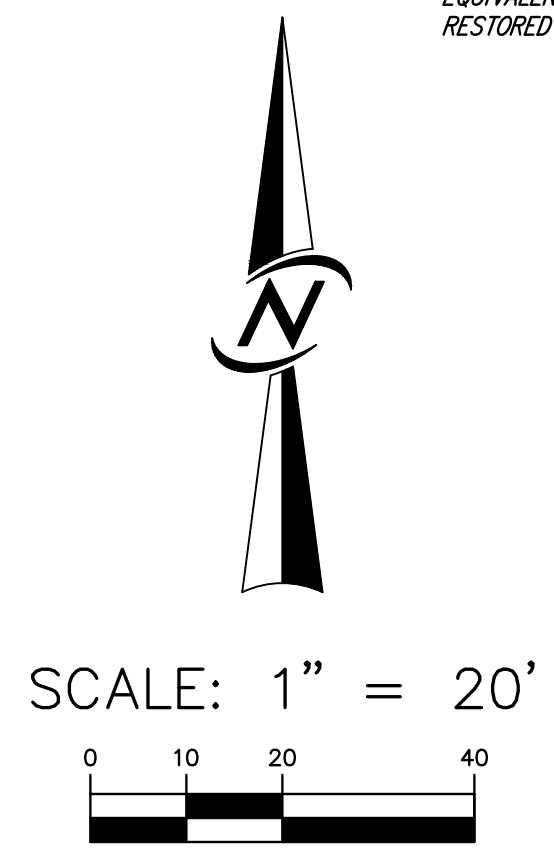
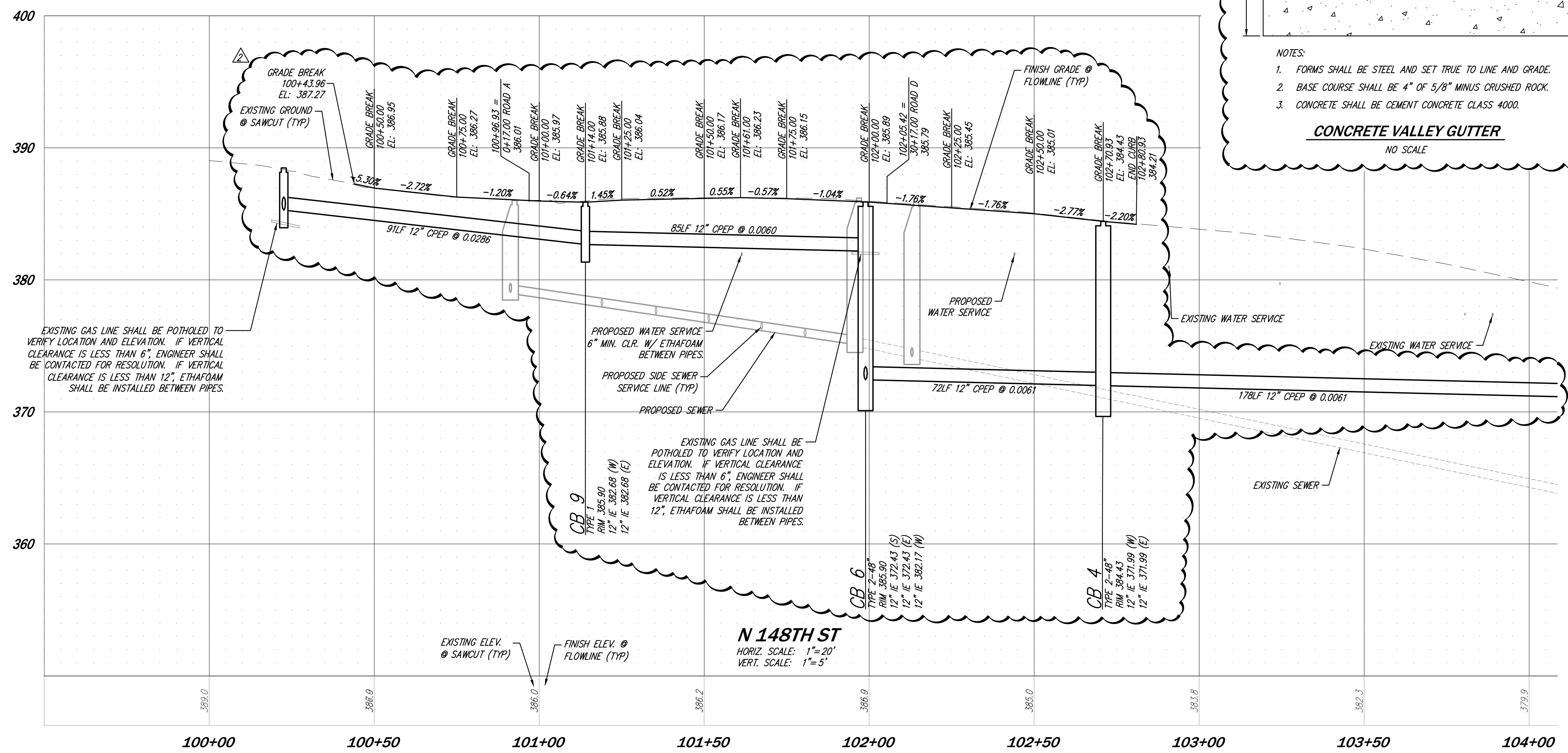
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| Yard drain lines - any material | 18 | 5/8" minus crushed rock, compacted in 8-in lifts. |



CONCRETE VALLEY GUTTER

NO SCALE

- NOTES:
- FORMS SHALL BE STEEL AND SET TRUE TO LINE AND GRADE.
 - BASE COURSE SHALL BE 4" OF 5/8" MINUS CRUSHED ROCK.
 - CONCRETE SHALL BE CEMENT CONCRETE CLASS 4000.



SCALE: 1" = 20'

DATUM
HORIZONTAL-NAVD 1983/91
VERTICAL-NAVD 88

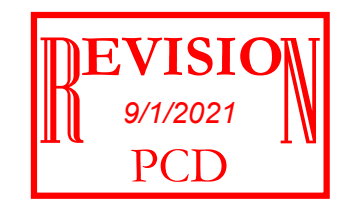
BASIS OF BEARINGS
N88°09'39"W BETWEEN THE TWO FOUND MONUMENTS IN THE CENTERLINE OF NORTH 147TH STREET.

BENCHMARK
WGS BENCHMARK B25
ELEVATION: 436.02

PROJECT BENCHMARKS
PROJECT BENCHMARK 1:
SET NAIL ON NORTH SIDE OF NORTH 148TH STREET
EL: 383.66
PROJECT BENCHMARK 2:
SET NAIL ON SOUTH SIDE OF NORTH 147TH STREET
EL: 405.62

UNDERGROUND LOCATOR SERVICE
CALL BEFORE YOU DIG!
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SITE WORK WILL BE PERMITTED UNDER #DEV20-1621 ROW20-1678



DATE: 4/21/21
REVISED PER CITY COMMENTS: 8/13/21

DATE: 9/1/21
DESIGNED: GINA R. BROOKS
DRAWN: MARY MOORE
APPROVED: GINA R. BROOKS, P.E.
PROJECT MANAGER: GINA R. BROOKS, P.E.

DATE: 9/1/21
REVISED PER CITY COMMENTS: 8/13/21

CIVIL ENGINEERING
LANDSCAPE ARCHITECTURE
PLANNING
SURVEYING

CORE DESIGN
12100 NE 195th St, Suite 300, Bothell, Washington 98011 425.865.2877

FRONTAGE - N 148TH ST
5 DEGREES
PULTE HOMES OF WASHINGTON, INC.
3535 FACIOLIA BLVD SE, #600
BELLEVUE, WA 98006

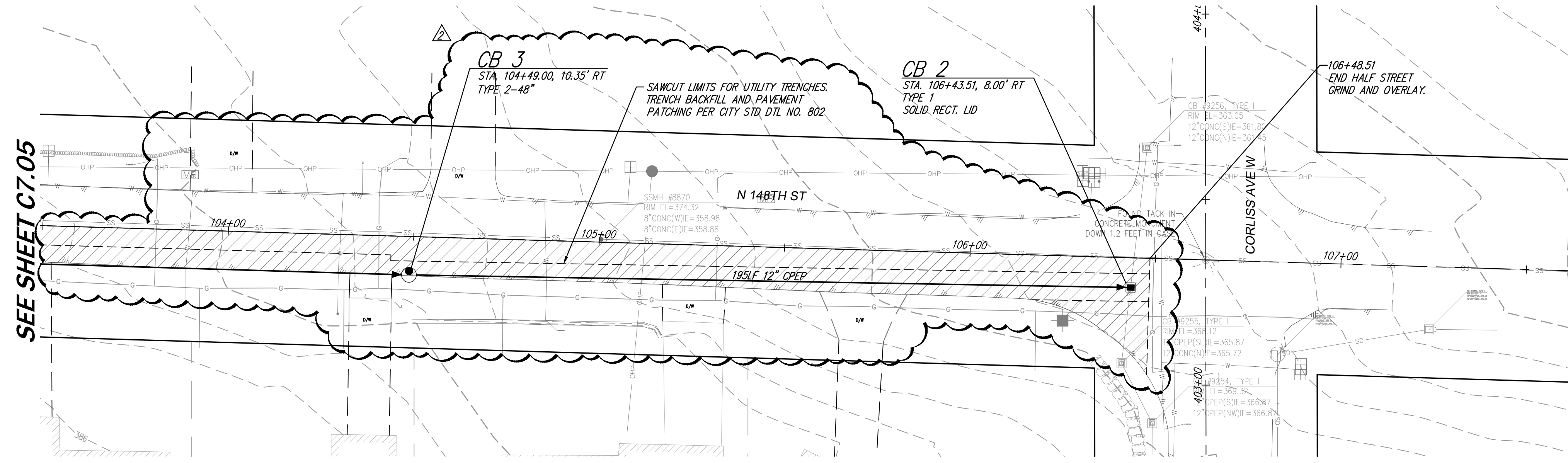
SHEET: C7.05
PROJECT NUMBER: 19133

DATE: 9/1/2021
DESIGNED: GINA R. BROOKS
DRAWN: MARY MOORE
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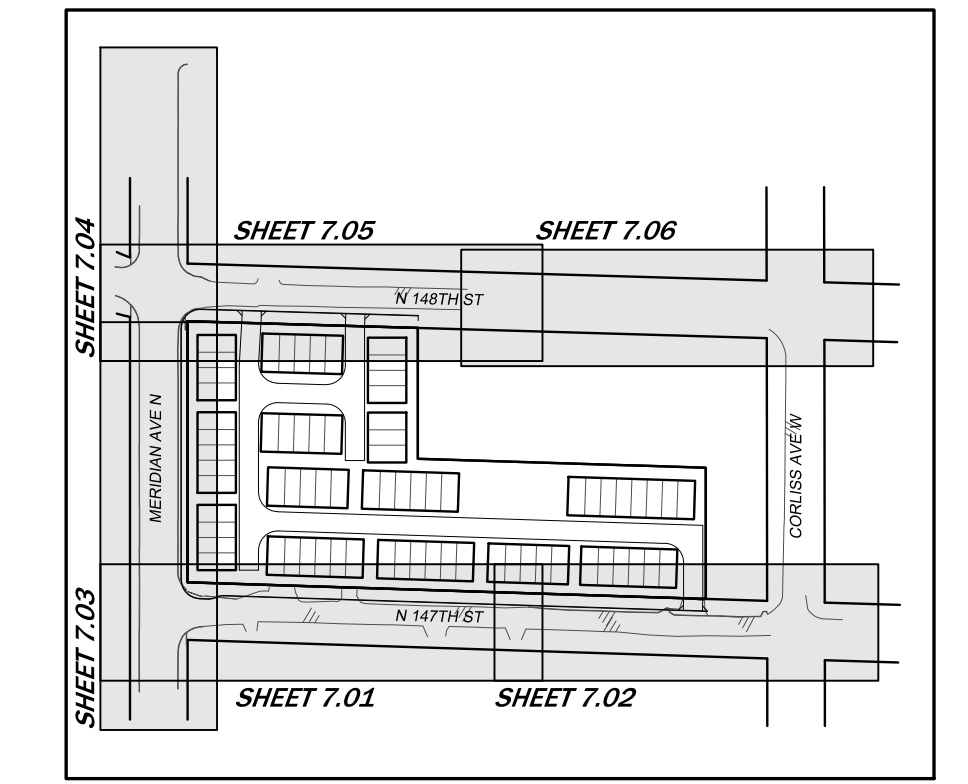
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CB GRATES/RIMS AND MEDALLIONS

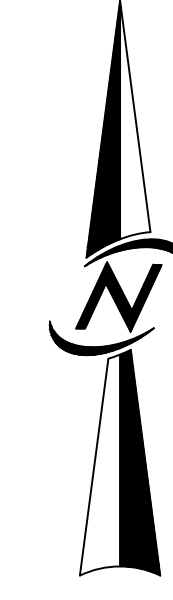
ALL CB GRATES SHALL BE RECTANGULAR VANED GRATE PER WSDOT STD. PLAN B-30.30-03 UNLESS OTHERWISE NOTED. CB'S NOTED WITH SOLID ROUND LIDS SHALL BE PER WSDOT STD. PLAN B-30.90-02. CB'S NOTED WITH SOLID RECTANGULAR LIDS SHALL BE PER WSDOT STD. PLAN B-30.20-04. STORM DRAIN MEDALLIONS SHALL BE INSTALLED AT EACH OPEN GRATE. CB PER CITY STD. DTL. 725.



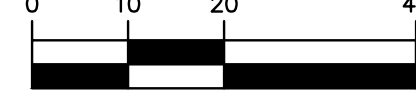
SEE SHEET C7.05



KEY MAP



SCALE: 1" = 20'



PIPE MATERIALS, COVER, AND BEDDING

| Pipe Material | Minimum Cover (in) | Pipe Bedding Requirements |
|--|--------------------|---|
| Perforated Corrugated Polyethylene Pipe (CPEP) (smooth interior) | 24 | 5/8" minus crushed rock, compacted in 8-in lifts. |
| Non-perforated CPEP (smooth interior) | 24 | 5/8" minus crushed rock, compacted in 8-in lifts. |
| Reinforced concrete (RCP) or Polyvinylchloride (PVC - ASTM 3034) | 12 | Same as non-perforated CPEP |
| Ductile iron pipe | 6 | Same as non-perforated CPEP |
| Yard drain lines - any material | 18 | 5/8" minus crushed rock, compacted in 8-in lifts. |

DEMOLITION

SEE SITE DEVELOPMENT PLANS UNDER SEPARATE COVER FOR ABANDONMENT / REMOVAL OF EXISTING UTILITIES AND SURFACES.

GRIND AND OVERLAY REQUIREMENTS

COLD-PLANE BOTH ENDS OF THE OVERLAY PERPENDICULAR TO THE ROADWAY FOR AT LEAST 15 FEET TO PROVIDE A FLUSH TRANSITION. FOR HALF-STREET OR FULL-STREET OVERLAYS, COLD-PLANNING (GRINDING) OF THE ENTIRE PAVING AREA IS REQUIRED (CENTERLINE TO GUTTER OR GUTTER TO GUTTER). WHEN CURB AND GUTTER DOES NOT EXIST, THE NEW OVERLAY SURFACE MAY, AT THE DIRECTOR'S DISCRETION, BE TAPERED TO MEET THE ELEVATION OF ADJACENT PAVED SURFACES. ALL ASPHALT JOINTS AND TAPERED TRANSITIONS SHALL BE SEALED WITH AR4000 OR EQUIVALENT. WHERE CURB AND GUTTER DOES NOT EXIST, THE SHOULDER SHALL BE RESTORED WITH CRUSHED ROCK.

DATUM

HORIZONTAL - NAD 1983/91
VERTICAL - NAVD 88

BASIS OF BEARINGS

N88°09'39"W BETWEEN THE TWO FOUND MONUMENTS IN THE CENTERLINE OF NORTH 147TH STREET.

BENCHMARK

WGS BENCHMARK B25

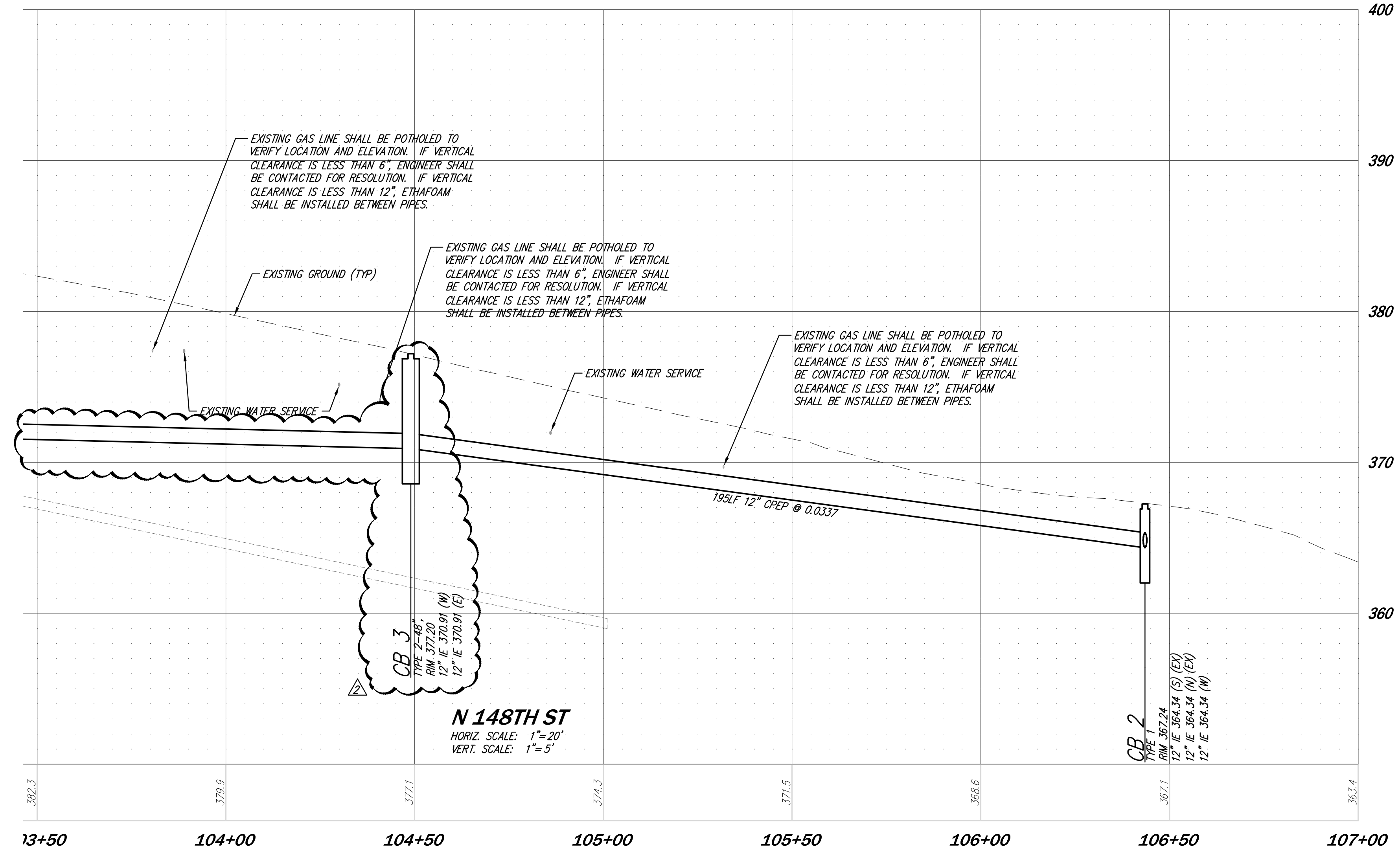
ELEVATION: 436.02

PROJECT BENCHMARKS

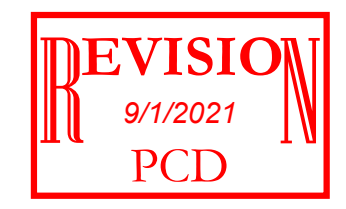
PROJECT BENCHMARK 1:
SET NAIL ON NORTH SIDE OF NORTH 148TH STREET
EL: 383.66

PROJECT BENCHMARK 2:
SET NAIL ON SOUTH SIDE OF NORTH 147TH STREET
EL: 405.62

UNDERGROUND LOCATOR SERVICE
CALL BEFORE YOU DIG!
811

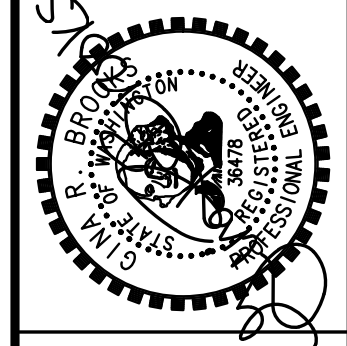


13+50 104+00 104+50 105+00 105+50 106+00 106+50 107+00

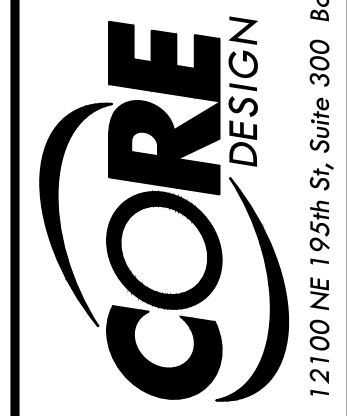


SITE WORK WILL BE PERMITTED UNDER #DEV20-1621 ROW20-1678

| DATE | REVISIONS |
|---------|---------------------------|
| 4/21/21 | REVISED PER CITY COMMENTS |
| 8/13/21 | REVISED PER CITY COMMENTS |



CIVIL ENGINEERING
LANDSCAPE ARCHITECTURE
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FRONTAGE - N 148TH ST
5 DEGREES
PULTE HOMES OF WASHINGTON, INC.
3535 FACIOLINA BLVD. SC. #600
BELLEVUE, WA 98006

| DATE | SEE STAMP DATE |
|----------|----------------------|
| DESIGNED | GINA R. BROOKS |
| DRAWN | MARY MOORE |
| APPROVED | GINA R. BROOKS, P.E. |
| | GINA R. BROOKS, P.E. |
| | PROJECT MANAGER |

SHEET
C7.06
PROJECT NUMBER
19133

8/12/2021 9:00 AM J:\2019\19133\ENGINEERING\FINAL\SHEETS\FRONTAGE IMPROVEMENT PLANS\19133_C7.06.DWG

GENERAL NOTES

1. ALL WORK MATERIALS SHALL BE IN CONFORMANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE CITY OF SHORELINE AND THE LATEST EDITION OF THE WSDOT STANDARDS AND SPECIFICATIONS. A SET OF APPROVED PLANS SHALL BE KEPT ON-SITE AT ALL TIMES DURING CONSTRUCTION.
2. THE JUNCTION BOX AND CONDUIT LOCATIONS SHOWN ARE APPROXIMATE. JUNCTION BOXES SHALL BE PLACED OUTSIDE OF SIDEWALKS UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER.
3. THE LOCATIONS OF FEATURES AND UTILITIES SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR AS NECESSARY.
4. THE CONTRACTOR SHALL SUBMIT A REQUEST TO THE INSPECTOR FOR MATERIALS APPROVAL AT THE EARLIEST POSSIBLE DATE.
5. ALL WORK SHALL BE CONSISTENT WITH UTILITY AGENCY REQUIREMENTS. THE CONTRACTOR SHALL CONTACT ALL PERTINENT UTILITY AGENCIES 48 HOURS BEFORE COMMENCING WORK, AND SHALL COORDINATE WITH AFFECTED UTILITY AGENCIES THROUGHOUT THE PROJECT.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL NOTIFY THE AFFECTED UTILITY COMPANY AND THE CITY OF SHORELINE IMMEDIATELY UPON DAMAGE.
7. AS PART OF THE DESIGN PROCESS, THE ENGINEER HAS ATTEMPTED TO CONFIRM THAT THERE ARE NOT CONFLICTS WITH OVERHEAD POWER LINES OR SUBSURFACE UTILITIES. HOWEVER, IT IS POSSIBLE FOR THE EXISTING OR PROPOSED CONDITIONS TO CHANGE PRIOR TO IMPLEMENTATION OF THE SCOPE OF WORK IDENTIFIED ON THESE DOCUMENTS. AS THE FIRST ORDER OF BUSINESS, THE CONTRACTOR SHALL CONFIRM THAT THERE ARE NOT CONFLICTS WITH SUBSURFACE UTILITIES. ADDITIONALLY, THE CONTRACTOR SHALL CONFIRM THAT THERE IS A MINIMUM 10-FT CLEARANCE PROVIDED BETWEEN OVERHEAD POWER LINES AND THE PROPOSED LUMINAIRE POLES PRIOR TO POLE PLACEMENT. ADDITIONAL CLEARANCE MAY BE REQUIRED AS DIRECTED BY THE UTILITY. THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY IF A CONFLICT IS DISCOVERED.

CONSTRUCTION NOTES

- 1 FURNISH AND INSTALL NEW FOUNDATION AND LUMINAIRE POLE PER ILLUMINATION SCHEDULE, THIS SHEET, CITY OF SHORELINE STANDARD DETAIL NUMBER 440, AND CITY OF SEATTLE STANDARD PLAN 543B.
- 2 INTERCEPT AND EXTEND EXISTING CONDUIT AND CONDUCTORS TO NEW JUNCTION BOX. SPLICE NEW ILLUMINATION CONDUCTORS TO EXISTING ILLUMINATION CONDUCTORS WITH SPLICE KIT IN NEW JUNCTION BOX.
- 3 REMOVE EXISTING POLE AND FOUNDATION. FILL AND COMPACT VOID.

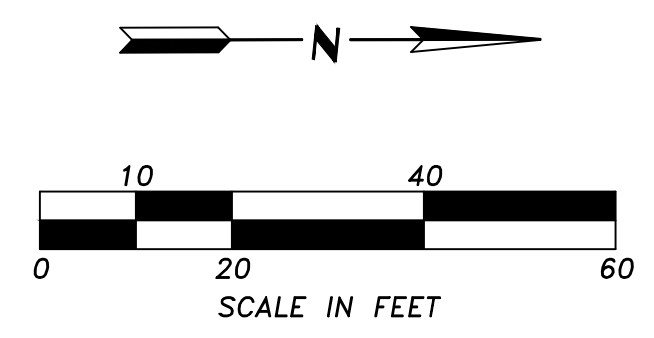
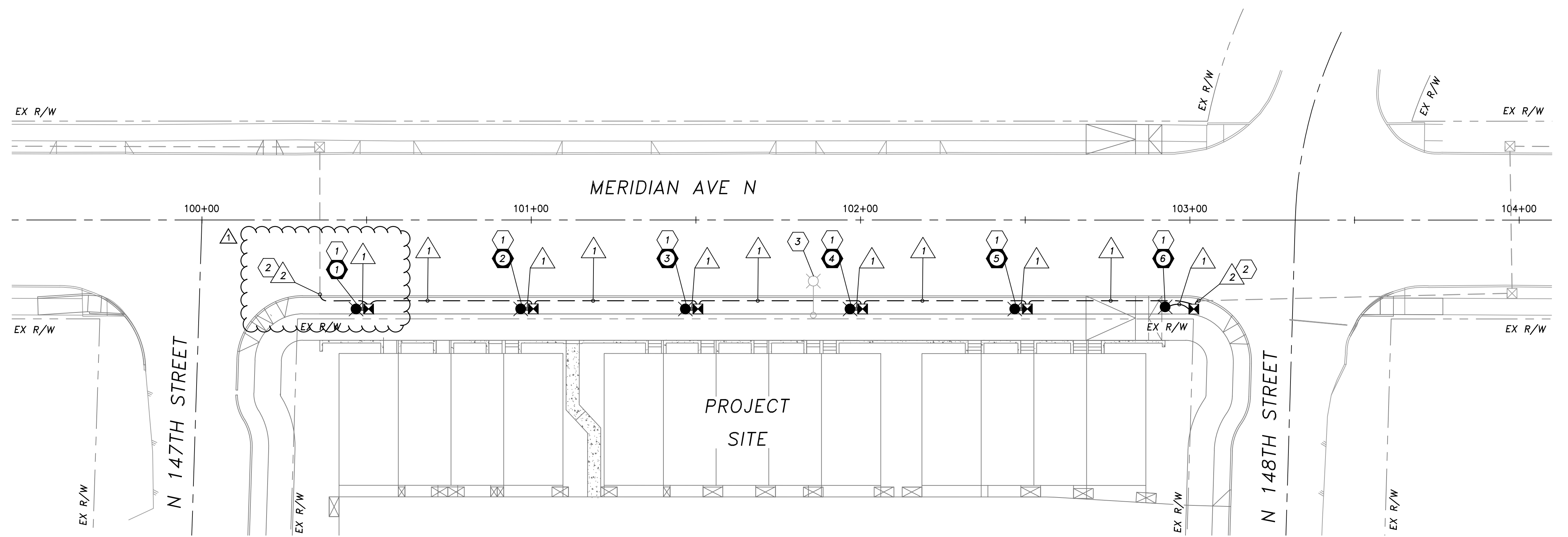
ILLUMINATION WIRING SCHEDULE

| △ NO. | RACEWAY CONDUIT SIZE | ILLUM. #8 | | EQUIP. GROUND*** | |
|----------|----------------------------|--------------|-----|---------------------|-----|
| | | EX | NEW | EX | NEW |
| 1 | 2" SCH40 PVC | | 2 | | 1 |
| 2 | 2" EX/2" SCH80 PVC** | 2* | | 1* | |

* RE-USE EXISTING CONDUCTORS; INSTALL NEW CONDUCTORS IF SUFFICIENT SLACK IS NOT AVAILABLE.
 ** OR MATCH EXISTING CONDUIT SIZE, TYPE AND COUNT.
 *** ALL NON-METALLIC CONDUITS CONTAINING COPPER CONDUCTORS SHALL INCLUDE GROUND WIRE. GROUND WIRE SIZE SHALL MATCH THE LARGEST CONDUCTOR (MIN #8 AWG OR AS NOTED OTHERWISE IN THE WIRE NOTES)

ILLUMINATION POLE SCHEDULE

| POLE ID | STREET | △ STATION | OFFSET | POLE HEIGHT | LUMINAIRE TYPE | POLE/BASE TYPE | SERVICE/ CIRCUIT | VOLTAGE | WATTAGE /TYPE | DISTRIBUTION |
|---------|----------------|--------------|----------|----------------|--|--|---------------------|---------|------------------|--------------|
| 1 | MERIDIAN AVE N | 100+47.0 | 27.0' RT | 12' | SEATTLE CITY LIGHT CATALOG NUMBER 5723.15 | SEATTLE CITY LIGHT CATALOG NUMBER 5756.08 | EX | 240 | 35 LED | TYPE V |
| 2 | MERIDIAN AVE N | 100+97.0 | 27.0' RT | 12' | SEATTLE CITY LIGHT CATALOG NUMBER 5723.15 | SEATTLE CITY LIGHT CATALOG NUMBER 5756.08 | EX | 240 | 35 LED | TYPE V |
| 3 | MERIDIAN AVE N | 101+47.0 | 27.0' RT | 12' | SEATTLE CITY LIGHT CATALOG NUMBER 5723.15 | SEATTLE CITY LIGHT CATALOG NUMBER 5756.08 | EX | 240 | 35 LED | TYPE V |
| 4 | MERIDIAN AVE N | 101+97.0 | 27.0' RT | 12' | SEATTLE CITY LIGHT CATALOG NUMBER 5723.15 | SEATTLE CITY LIGHT CATALOG NUMBER 5756.08 | EX | 240 | 35 LED | TYPE V |
| 5 | MERIDIAN AVE N | 102+47.0 | 27.0' RT | 12' | SEATTLE CITY LIGHT CATALOG NUMBER 5723.15 | SEATTLE CITY LIGHT CATALOG NUMBER 5756.08 | EX | 240 | 35 LED | TYPE V |
| 6 | MERIDIAN AVE N | 102+97.0 | 27.0' RT | 12' | SEATTLE CITY LIGHT CATALOG NUMBER 5723.15 | SEATTLE CITY LIGHT CATALOG NUMBER 5756.08 | EX | 240 | 35 LED | TYPE V |

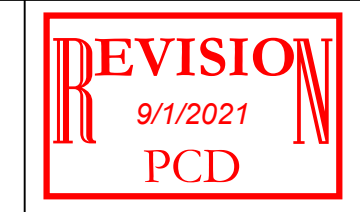
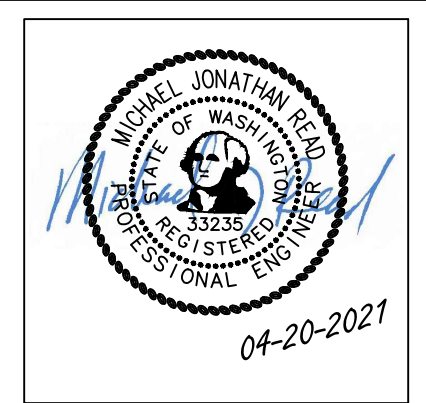


LEGEND

| EXIST. | NEW | DESCRIPTION |
|--------|-------|------------------------|
| ⊠ | ⊠ | JUNCTION BOX TYPE 1, 2 |
| | ● | LIGHT STANDARD |
| - - - | - - - | CONDUIT/CONDUCTOR |
| | △ | STREET LIGHT POLE ID |
| | △ | WIRE NOTE |
| | ⊠ | CONSTRUCTION NOTE |

| | | | |
|------------------|--------------------------------------|----------|-----|
| FILE NAME | △ REVISION 1 - PERMIT CORRECTIONS #1 | 04/20/21 | MJG |
| DESIGNED BY: MJG | | | |
| ENTERED BY: MJG | | | |
| CHECKED BY: MJR | | | |
| PROJ. ENGR. | | | |
| REGIONAL ADM. | REVISION | DATE | BY |

TENW
 Transportation Engineering NorthWest
 Transportation Planning | Design | Traffic Impact & Operations
 PO Box 65254, Seattle, WA 98155 | Office (206) 361-7333
 Project Contact: Michael Read
 Phone: 206-999-4145



**5 DEGREES
ILLUMINATION PLAN**

CITY OF SHORELINE

APRIL 2021

IL1
 SHEET
 1
 OF
 1
 SHEETS