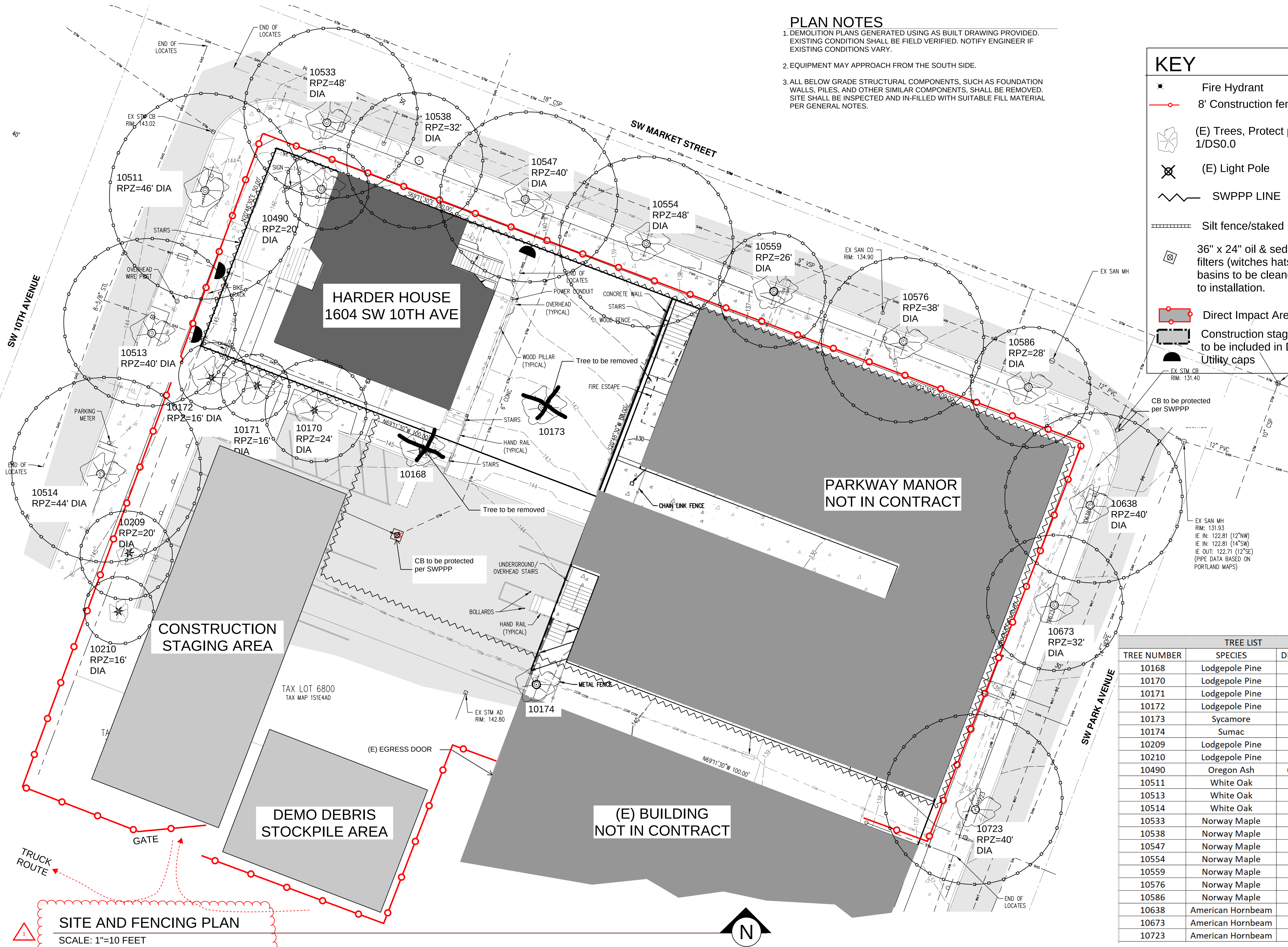


1. DEMOLITION PLANS GENERATED USING AS BUILT DRAWING PROVIDED. EXISTING CONDITION SHALL BE FIELD VERIFIED. NOTIFY ENGINEER IF EXISTING CONDITIONS VARY.
2. EQUIPMENT MAY APPROACH FROM THE SOUTH SIDE.
3. ALL BELOW GRADE STRUCTURAL COMPONENTS, SUCH AS FOUNDATION WALLS, PILES, AND OTHER SIMILAR COMPONENTS, SHALL BE REMOVED. SITE SHALL BE INSPECTED AND IN-FILLED WITH SUITABLE FILL MATERIAL PER GENERAL NOTES.

 Fire Hydrant  
 8' Construction fence w/ base  
 (E) Trees, Protect per 1/DS0.0  
 (E) Light Pole  
 SWPPP LINE  
 Silt fence/staked  
 36" x 24" oil & sediment filters (witches hats). Catch basins to be cleaned prior to installation.  
 Direct Impact Area (DIA)  
 Construction staging area to be included in DIA  
 Utility caps

| TREE LIST   |                   |           |        |
|-------------|-------------------|-----------|--------|
| TREE NUMBER | SPECIES           | DBH (IN.) | STATUS |
| 10168       | Lodgepole Pine    | 13        | CUT    |
| 10170       | Lodgepole Pine    | 12        | SAVE   |
| 10171       | Lodgepole Pine    | 8         | SAVE   |
| 10172       | Lodgepole Pine    | 8         | SAVE   |
| 10173       | Sycamore          | 22        | CUT    |
| 10174       | Sumac             | 7,7,7     | SAVE   |
| 10209       | Lodgepole Pine    | 10        | SAVE   |
| 10210       | Lodgepole Pine    | 8         | SAVE   |
| 10490       | Oregon Ash        | 6,6,10    | SAVE   |
| 10511       | White Oak         | 23        | SAVE   |
| 10513       | White Oak         | 20        | SAVE   |
| 10514       | White Oak         | 22        | SAVE   |
| 10533       | Norway Maple      | 24        | SAVE   |
| 10538       | Norway Maple      | 16        | SAVE   |
| 10547       | Norway Maple      | 21        | SAVE   |
| 10554       | Norway Maple      | 24        | SAVE   |
| 10559       | Norway Maple      | 13        | SAVE   |
| 10576       | Norway Maple      | 19        | SAVE   |
| 10586       | Norway Maple      | 14        | SAVE   |
| 10638       | American Hornbeam | 20        | SAVE   |
| 10673       | American Hornbeam | 16        | SAVE   |
| 10723       | American Hornbeam | 20        | SAVE   |





STOP-WORK PROCEDURE:

If unexpected circumstances develop, including the discovery of unknown hazards or hazardous materials, during the demolition activities, the work will be stopped. GDSI will evaluate the issue. Work in concern will not be resumed until the issue is resolved. No change in the plan is to be implemented unless GDSI and DCI Engineers agree. All proposed changes will be documented with the standard RFI process and routed to all parties involved. DCI will issue a response to the RFI with the appropriate revisions.

BUILDING INFORMATION:

The Harder House has an agreed upon Memorandum of Agreement between Portland State University and the Oregon State Historic Preservation Office signed 3-20-2020 by Jason Franklin. See sheet DS0.3 for any historic items of interest. If historic Items of interests are encounter see Stop work procedures.

The Harder House will be demolished. The project includes two-story, wood framed residential structure with a full basement. There is asbestos containing materials (ACM) showing up on a recent survey. The plan is to abate all ACM prior to the hard demolition.

PROCESS & PREPARATION:

This demolition plan was developed after DCI, the Registered Professional Engineer (RPE), studied the buildings and site conditions.

- 1.The demolition contractor shall review this demolition plan and drawings.
- 2.All debris with ACM will be identified and removed prior to executing these drawings
- 3.All ACM will be disposed of per applicable regulations outlined in State of Oregon Department of Environmental Quality (DEQ). DEQ provides the regulations for asbestos waste including the requirements associated with transporting and disposing asbestos and asbestos handling.
- 4.The demolition contractor shall review the reports outlining the locations of hazardous materials. Once the hazardous materials are abated, the demolition will be performed as a typical demolition.
- 5.All workers and operators will wear the required personal protective equipment (PPE).
- 6.The work area will be established around the perimeter of the site to control access. The work, including waste processing, will be completed inside the work area. The work area will be delineated with construction fencing(See the Site Plan, DS0.1).
- 7.The ambient air will be periodically monitored at the site.
8. Water hoses will be used for dust suppression.

The following items will be completed prior to Demolition

- 1.Cut and cap all utilities. See on DS0.1
2. A construction work area will be established on site to control access to the work area. See Site plan DS0.1
- 4.Set-up drop box load-out area.
- 5.Set-up street, sidewalk closure, barriers and Storm Water Pollution Prevention Plan (SWPPP).

FILL:

1. The ground surface shall be inspected and approved by the special inspector and BDS prior to any fill placement. The ground surface shall be prepared to receive the fill by removing unsuitable material or soils. All basement walls, foundations, and floor slabs that are not to be used for new construction shall be removed per City of Portland Title 24.55.
2. The fill material shall be approved by the special inspector prior to fill placement.
3. Particle sizes greater than six inches may not be placed within ten feet of the final grade.
4. Fill to be placed in lifts no greater than nine inches maximum loose thickness, and within the effective compaction limits of the equipment being used.
5. Fill to be compacted to at least 90 percent of the maximum dry density, determined in accordance with ASTM D1557.
6. The special inspector shall test the compaction of the fill as the fill is being placed every two feet of elevation or every 250 cubic yards, whichever provides the greatest number of tests, to demonstrate uniform compaction throughout the fill volume.
7. The special inspector shall observe the work for conformance with approved permit documents and these backfill requirements. The special inspector shall submit a final summary report to BDS's Special Inspections section stating whether the backfill work was completed in conformance with the approved permit documents and these requirements

DEMOLITION PLAN:

All ACM's will be removed prior to demolition. All the demolition debris will be loaded into dumpsters. Load-out will be through the adjacent parking lot to the south. The debris flow of the materials will be transported to the covered dumpsters at east side of the parking lot, load-out area.

The Harder House will be demolished with track mounted equipment and loaded into dumpsters. Building debris materials will be sprayed with water to control dust.

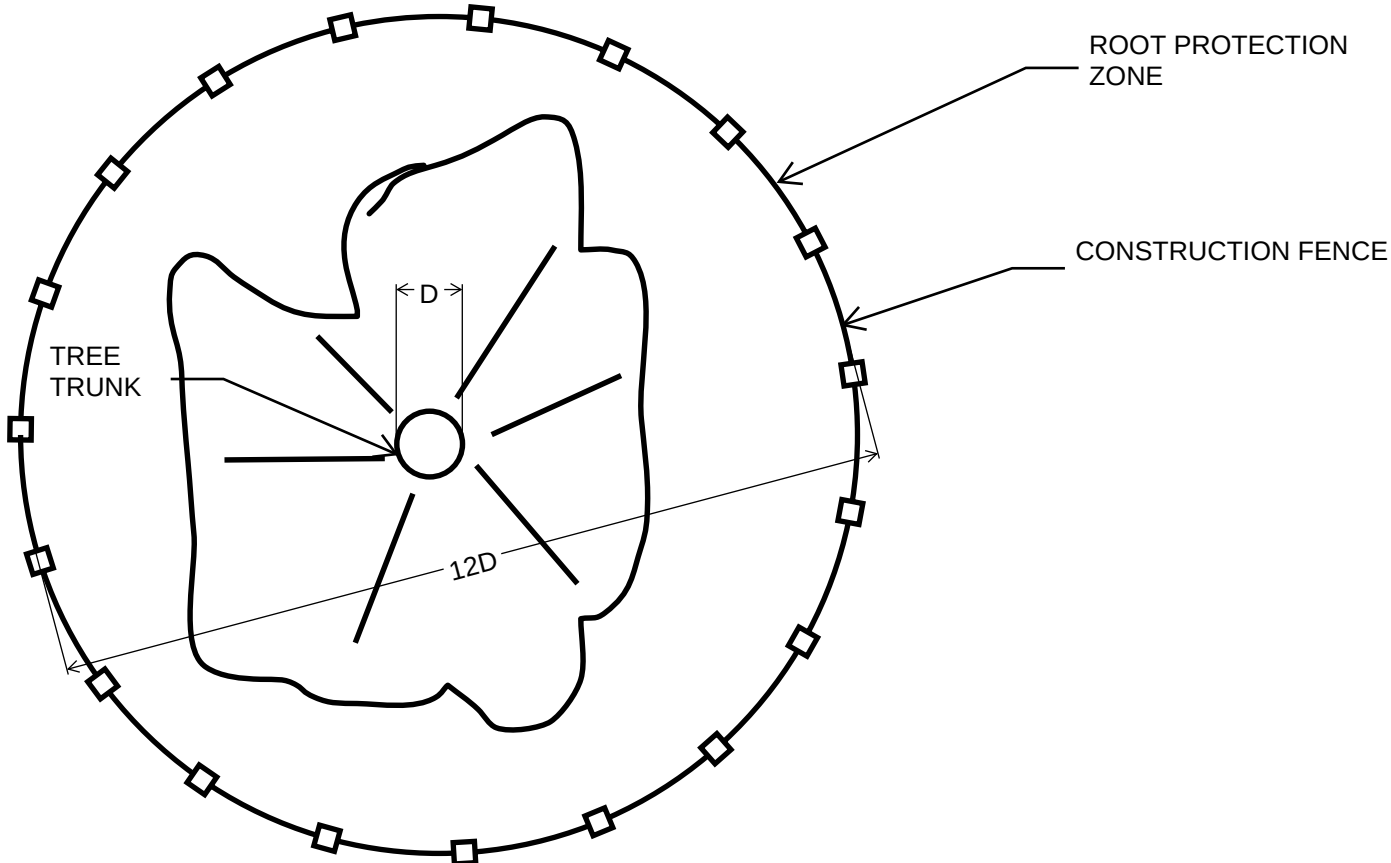
The following are the demolition steps:

Step 1: The equipment will approach the building from the south side and work across the building.  
The operator will pull debris from the house, rotate and load waiting boxes or trucks.

Step 2: The concrete foundation shall be removed in its entirety. The grade shall be restored to approximately the same level after the building has been removed.

TREE PROTECTION PLAN:

- 1.The Tree Root Protection Zone (RPZ) (See diagram below) has a 1-foot radius from the center of the trunk per inch of tree diameter.
- 2.The construction protection fencing must be a minimum of 6-foot high chain link fence secured with 8-foot metal posts, at the edge of the root protection zone.
- 3.Existing structures and/or existing secured fencing at least 3.5 feet tall can serve as the required protective fencing.
- 4.Place the yellow sign marked 'Tree Root Protection Zone' prominently on the fence designating the root protection zone and describing the penalties for violation.
- 5.Install the fence before any ground-disturbing activities take place, including clearing, grading, or construction.
- 6.Keep the fence in place until final inspection.



NOTE:  
TREE PROTECTION IS REQUIRED FOR ALL TREES INSIDE DIR IF  
D>12" OR (D>3" AND IS A STREET TREE). D SHALL BE MEASURED AT CHEST  
HEIGHT.

NO EXCAVATION MAY OCCUR WITH THE ROOT PROECTION ZONE

1 TREE PROTECTION

LANDSCAPING:

After the demolition the site must be landscaped per City of Portland, Chapter 33.248 Title 33, Planning and Zoning Landscaping and Screening standards L1.

L1 General Landscaping Standards:

1. Intent: The L1 standard is a landscape treatment for open areas. It is intended to be applied in situations where distance is used as the principal means of separating uses or development, and landscaping is required to enhance the area in-between. While primarily consisting of ground cover plants, it may includes a mixture of trees, high shrubs, and low shrubs.
2. Required materials: Trees and shrubs are not required for this site.

DEWATERING:

CONSTRUCTION DEWATERING NOT AUTHORIZED. IF REQUIRED:  
Batch Discharge Authorization permit is required for temporary discharges of groundwater or construction related stormwater (channelized, collected and/or pumped) to the City's public sanitary or storm sewer system. If de-watering to a City sanitary or storm sewer system is necessary, pre-authorization must be obtained from the Bureau of Environmental

Services at batchdischarge@portlandoregon.gov  
(or call 503-823-7026).

Form  
<https://www.portland.gov/sites/default/files/2021/2020-scm-form-construction-batch-discharge.pdf>

PERMIT NUMBER: 23-060234

Points of contact  
Site supervisor

Registered Engineer  
Kyle Kraxberger DCI Engineer 503 850 9825



DRAWING TITLE:  
DEMOLITION  
PLAN



Harder House Demolition  
1604 SW 10th Ave  
PORTLAND OR 97201

REVISIONS

1 7/25/27 PC

SHEET NUMBER  
DS0.2





Figure 1: Stone flakes



Figure 2: Stone tool fragments



Figure 3: Cordage



Figure 4: Shell midden



Figure 5: Historic glass artifacts



Figure 6: Historic metal artifacts



Figure 7: Historic building foundations



Figure 8: 18th Century ship

PICTURES ARE FOR REFERENCE ONLY. NO ITEMS OF HISTORIC IMPORANCE ARE CURRENTLY KNOWN FOR THE HARDER HOUSE.

THE ABOVE EXAMPLES ARE SHOWN IN MOA 18-1555.